

# ACTIVITY LIBRARY



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## ACTIVITY

## DESCRIPTION

## 1. Approval

1.1	Approval with values	Configures approval users and parameters
1.2	Approval	Configures approval roles and approval parameters
1.3	Notification	Sends the workflow approval notifications to the selected users

## 2. Cisco Call Manager

2.1	Add Call Pickup Group	Adds the specified call pickup group
2.2	Add Device Profile	Adds the specified device profile
2.3	Add Hunt List	Adds the specified hunt list
2.4	Add Hunt Pilot	Adds the specified hunt pilot
2.5	Add Line Group	Adds the specified line group
2.6	Add Phone	Adds the specified phone
2.7	Connect To Cisco Call Manager	Connects and returns a Cisco Call Manager connection
2.8	Disconnect From Call Manager	Disconnects the specified Cisco Call Manager connection
2.9	Edit Call Pickup Group	Updates the specified call pickup group
2.10	Edit Device Profile	Updates the specified device profile
2.11	Edit Hunt List	Updates the specified hunt list
2.12	Edit Hunt Pilot	Updates the specified hunt pilot
2.13	Edit Line Group	Updates the specified line group
2.14	Edit Phone	Updates the specified phone's information
2.15	Get Call Pickup Group	Gets the specified pickup group
2.16	Get Device Profile	Gets the specified device profile's information
2.17	Get Hunt List	Gets the specified hunt list's information
2.18	Get Hunt Pilot	Gets the specified hunt pilot's information
2.19	Get Line Group	Gets the specified line group
2.20	Get Phone	Gets the specified phone's information
2.21	Remove Call Pickup Group	Removes the specified call pickup group
2.22	Remove Device Profile	Removes the specified device profile
2.23	Remove Hunt List	Removes the specified hunt list
2.24	Remove Hunt Pilot	Removes the specified hunt pilot
2.25	Remove Line Group	Removes the specified line group

## 3. Cisco UCS

3.1	Config Find DNS By Class ID	Finds DNS by class ID
3.2	Config Resolve Children	Retrieves the child objects of an object
3.3	Config Resolve Class	Retrieves objects of a given class
3.4	Config Resolve Classes	Retrieves objects of multiple classes
3.5	Config Resolve DN	Retrieves objects by DN
3.6	Config Resolve DNs	Retrieves objects by a set of DNs
3.7	Config Scope	Performs class queries on a DN in the management information tree
3.8	Connect To Cisco UCS	Connects to CISCO UCS
3.9	UCS Disconnect	Disconnects from CISCO UCS
3.10	Config Resolve Parent	Retrieves the parent object of an object

## 4. Cloud/Infrastructure/AmazonEC2

4.1	Connect To Amazon EC2	Connects to the specified AmazonEC2 account and outputs a AmazonEC2 client connection
4.2	Attach Volume	Attaches an Amazon EBS volume to a running or stopped instance and exposes it to the instance with the specified device name
4.3	Create OS Image	Creates an AMI that uses an Amazon EBS root device from a „running“ or „stopped“ instance. AMIs that use an Amazon EBS root device boot faster than AMIs that use instance stores. They can be up to 1 TB in size, use storage that persists on instance failure, and can be stopped and started
4.4	Create Snapshot	Creates a snapshot of an Amazon EBS volume and stores it in Amazon S3. You can use snapshots for backups, to make copies of Amazon EBS volumes, and to save data before shutting down an instance
4.5	Create Subnet	Creates a subnet in an existing VPC
4.6	Create VPC	Creates an VPC(virtual private cloud)
4.7	Create VPN connection	Creates a VPN connection between an existing virtual private gateway and a VPN customer gateway. The only supported connection type is ip-sec.1
4.8	Create VPN Gateway	Creates a VPN gateway
4.9	Create Volume	Creates an Amazon EBS volume that can be attached to an instance in the same availability zone. The volume is created in the specified region
4.10	Delete Snapshot By ID	Deletes a snapshot of an Amazon EBS volume that you own
4.11	Delete VPC By ID	Deletes a VPC by ID
4.12	Delete VPN By ID	Deletes a VPN connection by ID
4.13	Delete VPN Gateway By ID	Deletes VPN gateway by ID
4.14	Delete Volume By ID	Deletes an Amazon EBS volume that you own. The volume must be in the available state (not attached to an instance)
4.15	Detach Volume	Detaches an Amazon EBS volume from an instance
4.16	Disconnect From AmazonEC2	Disconnects from AmazonEC2 account
4.17	Get Availability Zones	Gets the available Amazon EC2 zones
4.18	Get Image By ID	Gets image by ID
4.19	Get Images	Gets list of images IDs
4.20	Get Instances	Gets list of instance IDs
4.21	Get Snapshot By ID	Gets snapshot by ID
4.22	Get Snapshots	Gets a list of snapshots IDs
4.23	Get VPC IDs	Gets VPC IDs
4.24	Get VPN Connections	Gets list of VPN connections IDs
4.25	Get VPN Gateways	Gets list of VPN gateways
4.26	Get Volumes	Gets list of volumes IDs
4.27	Get Volume By ID	Gets volume by ID

## ACTIVITY

## DESCRIPTION

## 5. Cloud/Infrastructure/Azure

5.1	Add Management Certificate	Adds a certificate to the list of management certificates on the Azure account
5.2	Add OS Image	Adds an operating system image that is currently stored in a storage account in your subscription to the image repository
5.3	Add Service Certificate	Adds a certificate to a cloud service from the specified Azure account
5.4	Add VM Data Disk	Adds a data disk to a virtual machine
5.5	Add VM Disk	Adds a disk to the user image repository
5.6	Add VM Endpoint	Adds an external endpoint to the specified virtual machine
5.7	Add VM Instance	Adds a virtual machine to an existing deployment
5.8	Capture VM Instance	Makes a running virtual machine available as an image for reuse. For Windows-based virtual machines, the image should be sysprepped before capture. After performing the capture, the virtual machine is deleted
5.9	Change Deployment Configuration	Initiates a change to the deployment configuration
5.10	Check Cloud Service Name Availability	Checks to see if the specified cloud service name is available, or if it has already been taken
5.11	Connect To Azure	Connects to the specified Salesforce account and outputs a Salesforce client connection
5.12	Copy Blob	Copies a blob to a destination within the storage account
5.13	Create Affinity Group	Creates a new affinity group for the specified subscription
5.14	Create Cloud Service	Creates a new cloud service
5.15	Create Container	Creates a new container under the specified account
5.16	Create Deployment	Uploads a new service package and creates a new deployment on staging or production
5.17	Create Storage Account	Creates a new storage account in Windows Azure
5.18	Create VM Deployment	Provisions a virtual machine based on the supplied configuration
5.19	Delete Blob	Marks the specified blob or snapshot for deletion
5.20	Delete Cloud Service	Deletes a cloud service
5.21	Delete Container	Marks the specified container for deletion. The container and any blobs contained within it are later deleted during garbage collection
5.22	Delete Deployment	Deletes the specified deployment
5.23	Delete Image	Deletes the specified OS or VM image from your image repository
5.24	Delete Management Certificate	Deletes a certificate from the list of management certificates on the Azure account
5.25	Delete Service Certificate	Deletes a certificate from a cloud service on the specified Azure account
5.26	Delete Storage Account	Deletes the storage account from Windows Azure
5.27	Delete VM Data Disk	Removes the specified data disk from a virtual machine
5.28	Delete VM Disk	Deletes the specified data or operating system disk from your image repository
5.29	Delete VM Instance	Deletes the specified virtual machine
5.30	Disconnect From Azure	Disconnects the specified Azure account
5.31	Download Blob	Downloads a blob from the system
5.32	Get Deployment	Returns configuration information, status, and system properties for a deployment
5.33	Get Operating Systems	Gets all Windows Azure operating systems
5.34	Get Operation Status	Gets the status of the specified operation
5.35	List Blob	Returns all user-defined metadata, standard HTTP properties, and system properties for blobs in the specified container
5.36	List Cloud Services	Lists the cloud services available under the current subscription
5.37	List Container	Returns a list of the containers under the specified storage account
5.38	List Images	Retrieves a list of the OS or VM images from the image repository
5.39	List Management Certificates	Lists all the management certificates from the Azure account
5.40	List Service Certificates	Lists all of the service certificates associated with the specified cloud service
5.41	List Storage Account	Lists the storage accounts available under the current subscription
5.42	List VM Disks	Retrieves a list of the disks in your image repository
5.43	Put Blob	Creates a new block blob from the specified file, or updates the content of an existing block blob
5.44	Reboot Role Instance	Requests a reboot of a role instance that is running in a deployment
5.45	Regenerate Storage Account Key	Regenerates the primary or secondary access key for the specified storage account
5.46	Reimage VM Instance	Requests a reimage of a role instance that is running in a deployment
5.47	Restart VM Instance	Restarts the specified virtual machine
5.48	Rollback Update Or Upgrade	Requests a rollback of an update or upgrade
5.49	Shutdown VM Instance	Shuts down the specified virtual machine
5.50	Start VM Instance	Starts the specified virtual machine
5.51	Swap Deployment	Swaps between the staging and production deployment environments for a service
5.52	Update Image	Updates an OS or VM image that is in your image repository
5.53	Upgrade Deployment	Initiates an upgrade to a deployment
5.54	Walk Upgrade Domain	Specifies the next upgrade domain to be walked during manual in-place upgrade or configuration change

## ACTIVITY

## DESCRIPTION

## 6. Cloud/Infrastructure/Azure Stack

6.1	AD Join Domain	Joins AD domain to a specific virtual domain
6.2	Connect To Azure Stack	Connects to Azure Stack
6.3	Create NSG	Creates a new Azure Stack NSG (Network Security Group)
6.4	Create Storage Account	Creates a new storage account
6.5	Create Virtual Network	Creates a virtual network
6.6	Create Virtual Network NSG	Creates a virtual network only for NSG
6.7	Delete NSG	Deletes NSG by resource ID
6.8	Delete Storage Account	Deletes storage account by resource ID
6.9	Delete Virtual Network	Deletes virtual network by resource ID
6.10	Disconnect From Azure Stack	Disconnects from Azure Stack
6.11	Edit NSG	Edits a specified Azure Stack NSG (Network Security Group)
6.12	Edit Storage Account	Edits a storage account
6.13	Edit Virtual Network	Edits a virtual network by resource guid
6.14	Get NSGs	Gets network security groups
6.15	Get Storage Accounts	Gets Azure Stack storage accounts
6.16	Get Virtual Networks	Gets Azure Stack virtual networks
6.17	Linux Deploy Virtual Machine	Deploys a new Linux virtual machine
6.18	Windows Deploy Virtual Machine	Deploys a new Windows virtual machine

## 7. Cloud/Office365

7.1	Connect To Office365	Connects to the specified Office365 account and outputs a Office365 client connection
7.2	Create Account and Mailbox	Creates an Office365 account with mailbox
7.3	Create Calendar	Creates a calendar for a specified Office365 account
7.4	Create Calendar Group	Creates a calendar group for a specified Office365 account
7.5	Create Contact	Creates a contact for a specified Office365 account
7.6	Create Event	Creates an event for a specified Office365 account
7.7	Delete Calendar	Deletes a calendar from a specified Office365 account
7.8	Delete Calendar Group	Deletes a calendar from a specified Office365 account
7.9	Delete Contact	Deletes a contact from a specified Office365 account
7.10	Delete Event	Deletes an event from a specified Office365 account
7.11	Delete Message	Deletes a message from a specified Office365 account
7.12	Find Calendar	Finds calendar by name for a specified Office365 account
7.13	Find Calendar Group	Finds calendar group by name for a specified Office365 account
7.14	Find Contact	Finds contact by e-mail address
7.15	Find Event	Finds event by date for a specified Office365 account
7.16	Find Message	Finds last message by e-mail address ordered by date time
7.17	Get Calendars	Gets calendars for a specified Office365 account
7.18	Get Contacts	Gets contacts for a specified Office365 account
7.19	Get Events	Gets events for a specified Office365 account
7.20	Get Messages	Gets messages for a specified Office365 account
7.21	Connect To Office365	Connects to the specified Office365 account and outputs a Office365 client connection
7.22	Reply To Message	Replies to a message received
7.23	Send Email	Sends an Office365 e-mail
7.24	Update Calendar	Updates a calendar for a specified Office365 account
7.25	Update Contact	Updates a contact for a specified Office365 account
7.26	Update Message	Updates a message for a specified Office365 account

## 8. Cloud/Services/Citrix

8.1	Connect To Citrix Cloud	Establishes a connection to Citrix cloud
8.2	Create Customer	Creates a new Citrix customer
8.3	Delete Customer	Deletes a specified customer
8.4	Disconnect From Citrix Cloud	Disconnects from Citrix cloud
8.5	Find Customer	Finds a customer in Citrix cloud services
8.6	Update Customer	Updates a Citrix customer

## ACTIVITY

## DESCRIPTION

## 9. Cloud/Services/Dropbox

9.1	Account Info	Returns the specified Dropbox account information
9.2	Connect To Dropbox	Connects to the specified Dropbox account and outputs a Dropbox client connection. The maximum time that can be spent on uploading or downloading files is set to 48 hours
9.3	Delete File Or Folder	Deletes the specified file or folder from the specified Dropbox account
9.4	Disconnect From Dropbox	Disconnects the specified Dropbox account
9.5	Download File	Downloads the specified Dropbox file
9.6	List Files and Folders	Lists all files and folders from the specified Dropbox account
9.7	Upload File	Uploads a selected file to the specified Dropbox Account

## 10. Cloud/Services/Google Drive

10.1	Account Info	Returns the specified Google Drive account information
10.2	Connect To Google Drive	Connects to the specified Google Drive account and outputs a Google Drive client connection
10.3	Delete File Or Folder	Deletes the specified file or folder from the specified Google Drive account
10.4	Disconnect From Google Drive	Disconnects the specified Google Drive account
10.5	Download File	Downloads the specified Google Drive file
10.6	List Files And Folders	Lists all files and folders from the specified Google Drive account
10.7	Upload File	Uploads a selected file to the specified Google Drive account

## 11. Cloud/Services/OneDrive

11.1	Connect To OneDrive	Connects to the specified OneDrive account and outputs a OneDrive client connection
11.2	Delete File Or Folder	Deletes the specified file or folder from the specified OneDrive account
11.3	Disconnect From OneDrive	Disconnects the specified OneDrive account
11.4	Download File	Downloads the specified OneDrive file
11.5	List Files And Folders	Lists all files and folders from the specified OneDrive account
11.6	Upload File	Uploads a selected file to the specified OneDrive account

## 12. Cloud/Services/Salesforce

12.1	Account Info	Returns the specified Salesforce account information
12.2	Connect To Salesforce	Connects to the specified Salesforce account and outputs a Salesforce client connection
12.3	Create User	Creates a new Salesforce user account
12.4	Delete File	Deletes the desired file from the specified Salesforce account
12.5	Disconnect From Salesforce	Disconnects the specified Salesforce account
12.6	Download File	Downloads the specified Salesforce file
12.7	List Available Objects	Lists all object names that are available to the logged-in user
12.8	List Files	Lists all files from the specified Salesforce account
12.9	Upload File	Uploads a selected file to the specified Salesforce account

## 13. Collections

13.1	Collection Of Objects From String	Splits the input string based on the separator parameter and builds a collection of object items as output
13.2	Get Element From Collection	Returns an element from a specified index from the given input collection

## ACTIVITY

## DESCRIPTION

## 14. Collections/ListOfKeyValuePair

14.1	Add Key Value Pair	Adds a key value pair element to the specified list
14.2	Get Key Value Pair	Gets a key value pair element from the specified source
14.3	Sort Key Value Pairs	Sorts a list of key value pairs

## 15. Communication

15.1	Generic Script	Formats a generic script
15.2	NS Lookup	Resolves IP
15.3	Ping Machine	Pings a machine
15.4	Test Port	Tests port availability
15.5	Trigger Web Service	Triggers the web service specified in the URL parameter with the given arguments
15.6	HTML Composer	Visual HTML editor
15.7	Http Request	Sends a Http request with either POST/GET methods and outputs the result

## 16. Communication/FTP

16.1	Connect to FTP Server	Connects to the specified FTP server
16.2	Create Folder	Creates a folder on a FTP server
16.3	Delete File	Deletes a file on a FTP server
16.4	Delete Folder	Deletes a folder on a FTP server
16.5	Disconnect From FTP Server	Disconnects from the specified FTP server
16.6	Download File	Downloads a file from a FTP server
16.7	List Files/Folders	Lists the folders and files in the specified folder path
16.8	Rename File Or Folder	Renames a file or folder on a FTP server
16.9	Resume File Upload	Resumes a file upload on a FTP server
16.10	Synchronize Folder/File	Performs a one way synchronization of a folder/file
16.11	Upload File	Uploads Files to the specified FTP server

## 17. Communication/ILO

17.1	Connect To ILO	Connect to HP Integrated Lights Out server
17.2	Disconnect From ILO	Disconnects from HP Integrated Lights Out server
17.3	Power Off Server	Powers off HP server
17.4	Power On Server	Powers on HP server
17.5	Reset Server	Resets HP server
17.6	Turn UID On	Turns on a UID switch
17.7	Turn UID Off	Turns off a UID switch



## ACTIVITY

## DESCRIPTION

## 18. Communication/IPMI

18.1	Get Chassis State	Gets chassis (system status) state
18.2	Get Device ID	Gets device ID
18.3	Get Power On Hour	Gets the device power on hour
18.4	Get Sensor Reading	Gets device values from sensors
18.5	Get User Privilege	Gets user privilege for device
18.6	Get Users	Gets users associated with the device
18.7	Connect To IPMI	Connects to the specified IPMI (Intelligent Platform Management Interface) account and outputs a IPMI client connection
18.8	Disconnect from IPMI	Disconnects from IPMI
18.9	Set Channel Access	Sets channel access for a device
18.10	Set Power On Time	Sets power on time for a device
18.11	Set Power Restore Policy	Sets power restore policy for a device
18.12	Set Power State	Sets power state for a device
18.13	Set User Access	Sets access for the specified user
18.14	Set User Password	Sets user password for the specified user

## 19. Communication/SNMP

19.1	SNMP Request	Sends an SNMP request
19.2	SNMP Trigger	Waits for an SNMP message (v1, v2, v3)
19.3	Send SNMP Trap	Sends an SNMP trap
19.4	SNMP Set Request	Sends an SNMP set request

## 20. Communication/Telnet

20.1	Telnet	Sends Telnet commands
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## 21. Database Management Systems/DB2

21.1	Add User Access To Table	Adds privileges for an user to a database
21.2	Disconnect From DB2	Disconnects from a SQL host
21.3	Run Query	Runs a query on a DB2 database
21.4	Delete Row(s) From Table	Deletes row(s) from a DB2 SQL database table
21.5	Insert Row(s) Into Table	Inserts row(s) on a DB2 SQL database table
21.6	Select Row(s) From Table	Selects and returns row(s) from a DB2 SQL database table
21.7	Connect to DB2 SQL	Connects to a DB2 SQL host. The output of this activity should be used as input for all connection parameters used for activities placed under DB2 SQL category
21.8	Remove User Access From Table	Removes privileges for an user to a table

## ACTIVITY

## DESCRIPTION

## 22. Database Management Systems/Microsoft SQL

22.1	Add User Access To Database	Adds privileges for an user to a database
22.2	Backup Database	Creates a backup .bak file of a selected database
22.3	Disconnect From SQL	Disconnects from a SQL host
22.4	Run Query	Runs a query on a SQL server database
22.5	Delete Row(s) From Table	Deletes row(s) from a SQL server database table
22.6	Insert Row(s) Into Table	Inserts row(s) on a SQL server database table
22.7	Remove User Access From Database	Removes privileges for an user to a database
22.8	Restore Database	Restores a database from a backup .bak file
22.9	Select Row(s) From Table	Selects and returns row(s) from a SQL server database table
22.10	Connect To SQL	Connects to a SQL host. The output of this activity should be used as input for all connection parameters used for activities placed under Microsoft SQL category

## 23. Database Management Systems/MySQL

23.1	Add User Access To Database	Adds privileges for an user to a database
23.2	Backup Database	Creates a backup if the selected database in an .sql file
23.3	Disconnect From SQL	Disconnects from a SQL host
23.4	Export From Database	Exports data from a database into an XML or a CSV file
23.5	Import Into Database	Imports data into a database from an XML or a CSV file
23.6	Run Query	Runs a query on a SQL Server database
23.7	Delete Row(s) From Table	Deletes row(s) from a SQL server database table
23.8	Insert Row(s) Into Table	Inserts row(s) on a SQL server database table
23.9	Remove User Access From Database	Removes privileges for an user to a database
23.10	Restore Database	Restores a database from a backup .sql file
23.11	Select Row(s) From Table	Selects and returns row(s) from a SQL server database table
23.12	Connect To SQL	Connects to a SQL host. The output of this activity should be used as input for all connection parameters used for activities placed under MySQL category

## 24. Database Management Systems/OracleSQL

24.1	Backup Database	Creates a backup if the selected database in an .sql file
24.2	Run Query	Runs a query on a Oracle SQL server database
24.3	Restore Database	Restores a database from a backup .sql file
24.4	Add User Access To Table	Adds privileges for an user to a specified table
24.5	Disconnect From Oracle SQL	Disconnects from a Oracle SQL host
24.6	Export From Database	Exports data from a database into an XML or a CSV file
24.7	Import Into Database	Imports data into a database from an XML or a CSV file
24.8	Delete Row(s) From Table	Deletes row(s) from a Oracle SQL database table
24.9	Insert Row(s) Into Table	Inserts row(s) on a Oracle SQL database table
24.10	Remove User Access From Database	Removes privileges for an user to a database
24.11	Select Row(s) From Table	Selects and returns row(s) from a Oracle SQL database table
24.12	Connect to Oracle SQL	Connects to a SQL host. The output of this activity should be used as input for all connection parameters used for activities placed under Oracle SQL category

## ACTIVITY

## DESCRIPTION

## 25. Database Management Systems/PostgreSQL

25.1	Delete Row(s) from Table	Deletes row(s) from a SQL server database table
25.2	Add Role Access To Database	Adds privileges for a role to a database
25.3	Disconnect from SQL	Disconnects from a SQL host
25.4	Export From Database	Exports data from a database into an XML or a CSV file
25.5	Import into Database	Imports data into a database from an XML or a CSV file
25.6	Run query	Runs a query on a SQL server database
25.7	Insert Row(s) into Table	Inserts row(s) on a SQL server database table
25.8	Remove Role Access From Database	Removes privileges for a role to a database
25.9	Select Row(s) from Table	Selects and returns row(s) from a SQL server database table
25.10	Connect to SQL	Connects to a SQL host. The Output of this activity should be used as input for all connection parameters used for activities placed under PostgreSQL category

## 26. Date Time

26.1	Create Date Time object	Creates a DateTime object based on the provided input data (year, month, day, hours, minutes, seconds, milliseconds)
26.2	String to Date-Object	Takes the input string date and reformats it to the local system format as DateTime object
26.3	Current Date Time	Returns the current DateTime
26.4	Date Time Span	Returns the interval between 2 DateTime objects
26.5	Date To String Format	Takes the input DateTime object and converts it to a string format
26.6	Edit Date Time Object	Edits a DateTime object (year, month, day, hours, minutes, seconds, milliseconds)

## 27. Debugging

27.1	Log Simple Message	Adds to C:\Temp\Log.txt the content of Text parameter. If directory c:\Temp does not exist, it will be created
27.2	Object Message Box	Outputs the input objects type or string value

## 28. Deployment/Baramundi

28.1	Add New Server	Adds a new server to Baramundi account
28.2	Add Server To Job	Adds server to Job
28.3	Baramundi disconnect	Disconnects from Baramundi
28.4	Connect To Baramundi	Connects to Baramundi
28.5	Get Clients List	Retrieves a list of Baramundi clients
28.6	Get Group Info	Retrieves information about a group
28.7	Get Group Job Info	Retrieves information about a group job info
28.8	Remove Server From Job	Removes server from Job

## ACTIVITY

## DESCRIPTION

## 29. Deployment/SCCM

29.1	Add Computer To Collection	Adds computer to collection
29.2	Add Users To Collection	Adds users to membership collection
29.3	Connect To SCCM	Connects to SCCM (Microsoft System Center Configuration Manager)
29.4	Create computer	Creates a computer
29.5	Delete Computer	Deletes computer
29.6	Get Computer Collections	Gets collections assigned to computer
29.7	Get Computer Info	Gets computer details
29.8	Get Device Primary Users	Lists device primary users
29.9	Get User Info	Gets user details
29.10	Install Software Package	Creates a new deployment package software via SCCM
29.11	List Collections	Lists all SCCM available collections
29.12	List Computers	Lists computers
29.13	List Packages	Lists packages
29.14	List Users	Lists users
29.15	Remove Computer From Collection	Removes computer from collection
29.16	Remove User From Collection	Removes user from collection
29.17	Remove User From Primary Device	Removes user from primary device
29.18	Disconnect from SCCM	SCCM disconnect from System Center Configuration Manager
29.19	Set User To Primary Device	Sets a primary device (Device Affinity)
29.20	Uninstall Software Package	Uninstalls a software package by ID

## 30. Desktop Virtualization

30.1	Connect To XenApp	Establishes a connection to XenApp
30.2	Connect To XenDesktop	Establishes a connection to XenDesktop
30.3	Xen App Disconnect	Disconnects from XenApp
30.4	Disconnect From XenDesktop	Disconnects from XenDesktop

## 31. Desktop Virtualization/Citrix XenApp 5.x

31.1	Add Machines to Delivery Group	Add existing XenApp machine(s) to a delivery group
31.2	Add Machine to Machine Catalog	Adds an existing XenApp machine to a machine catalog
31.3	Remove Machine from Delivery Group	Removes an existing XenApp machine from a delivery group
31.4	Remove Machine from Delivery Group and Machine Catalog	Removes an existing XenApp machine from a delivery group and machine catalog
31.5	Remove Machine from Machine Catalog	Removes an existing XenApp machine from a machine catalog

## 32. Desktop Virtualization/Citrix XenDesktop 5.x

32.1	Add Unassigned Machine To Desktop Group	Adds a machine to the specified desktop group
32.2	Add Machine To Existing Catalog	Adds an existing machine from a given hypervisor connection to a specified catalog
32.3	Add Machines To Streamed Desktop Catalog	
32.4	Add Machine to Pooled Catalog	Adds a random machine to a pooled catalog out of a specified identity pool
32.5	Add Machines to Desktop Group	Adds unassigned (either to a user or group) machines from a specified catalog to a specified desktop group, up to a given number
32.6	Add Users or Groups to Desktop Group	Adds users or groups to all broker entitlement policy rules attached to a specified desktop group
32.7	Create Desktop Group	Creates a new desktop group
32.8	Get Desktop Group	Retrieves a collection of desktop groups (names and PS objects)
32.9	Remove Users or Groups from Desktop Group	Remove users or groups from all broker entitlement policy rules attached to a specified desktop group

## 33. Desktop Virtualization/Citrix XenDesktop\XenApp 7.x

33.1	Close User Session	Disconnects or Stops the session(s) for a user
33.2	Create App Disk	Creates a new app disk
33.3	Create MCS Machine Catalog	Creates a new machine catalog that is power managed (virtual machine) and has its machines deployed using Citrix Machine Creation Services (MCS)
33.4	Create Other Machine Catalog	Creates a new machine catalog that is power managed (virtual machine) and has its machines deployed using another service or technology
33.5	Create PVS Machine Catalog	Creates a new machine catalog that is power managed (virtual machine) and has its machines deployed using PVS
33.6	Create Physical Machine Catalog	Creates a new machine catalog which is not power managed
33.7	Delete Delivery Group	Deletes the specified delivery group
33.8	Delete Machine Catalog	Deletes the specified machine catalog
33.9	Disable Maintenance Mode	Disables the maintenance mode for a delivery group
33.10	Edit Delivery Group	Edits the name or description for the specified delivery group
33.11	Edit Machine Catalog	Edits the name or description for the specified machine catalog
33.12	Enable Maintenance Mode	Puts the desktop into maintenance mode. A delivery group in maintenance mode will not allow users to connect or reconnect to their desktops
33.13	Get App Disk	Gets the specified app disk
33.14	Get Machines	Retrieves servers from the specified worker group or delivery group
33.15	Get Registration State	Returns the registration state of the specified machine catalog
33.16	Get Snapshot Path	Returns the master image VM for the specified MCS machine catalog
33.17	Get Sessions	Retrieves the user sessions
33.18	List App Disks	Retrieves all the app disks found
33.19	Remove App Disk	Removes the specified app disk
33.20	Rollback Machine Update	Rollback update for the specified machine catalog
33.21	Update MCS Machine Catalog	Updates the master VM image of a MCS machine catalog

## ACTIVITY

## DESCRIPTION

## 34. Directory/Active Directory

34.1	Add computer to group	Adds a computer to specified group
34.2	Add Domain User To Local Group	Adds a domain user to the local group
34.3	Add group to group	Adds a group to another group
34.4	Add user to group	Adds specified user to specified group
34.5	Change User Password	Changes password of a user account
34.6	Change User Password (non-encrypted)	Changes password of a user account with non - encrypted password string
34.7	Clear AD Attribute Value	Clear the value of a specified attribute
34.8	Computer Exists	Checks in the Active Directory if specified computer has an entry in 'Computer' class
34.9	Connect to Active Directory	Connects to Active Directory. The Output of this activity should be used as input for all Connection parameters used for activities placed under Active Directory category
34.10	Create Computer	Creates a new entry of class 'Computer' in Active Directory
34.11	Create Group	Creates a new entry of class 'Group' in Active Directory
34.12	Create User	Creates a new entry of class 'User' in Active Directory
34.13	Create User With Password String	Creates a new entry of class 'User' in Active Directory
34.14	Delete Entry	Deletes specified entry from Active Directory
34.15	Disconnect from Active Directory	Disconnects from Active Directory
34.16	Edit Computer Account Status	Allows Enable/Disable for an Active Directory computer account
34.17	Edit Entry	Edits specified attribute values of a specified input entry
34.18	Edit User Account Status	Allows Enable/Disable or Lock/Unlock for an Active Directory account
34.19	Get Entries by Filter	Retrieves a collection of Active Directory entries (paths) based on the input filters
34.20	Get Entry	Gets specified entry from Active Directory
34.21	Get Entry Attributes	Gets specified entry and retrieves a collection containing the attributes and their corresponding values
34.22	Get Entry SID	Returns the SID object and string equivalent of an AD Entry
34.23	Get Password Expiration Date	Returns the password expiration date
34.24	Get Account Expires	Returns the value of AD property 'account Expires'
34.25	Get User Account Status	Returns information about an entry, regarding the account status, password, account expiration date, e-mail.
34.26	Get User Groups	Retrieves a collection containing the groups the user is a member of
34.27	Get Users In Group	Retrieves a collection containing the users of a specified group
34.28	Group Exists	Checks in the Active Directory if specified group has an entry in 'Groups' class
34.29	Is Member	Validates if user, group or computer-account is member of a specified Active Directory group
34.30	Join Computer to Domain	Joins a computer to the specified domain
34.31	Move Entry	Moves a specified entry to a new location in Active Directory
34.32	Remove Computer From Group	Removes specified computer from specified group
34.33	Remove Group From Group	Removes group from specified group
34.34	Remove User From Group	Removes specified user from specified group
34.35	Rename Entry	Gets specified entry from Active Directory and renames it
34.36	Edit Account Expires	Sets the value of property 'account Expires' for an Active Directory account
34.37	User Exists	Checks in the Active Directory if specified user has an entry in 'User' Class

## 35. Directory/eDirectory

35.1	Add User To Group	Adds a user to a group on Novell eDirectory
35.2	Change User Password	Changes password of a user account
35.3	Connect To eDirectory	Connects to eDirectory. The Output of this activity should be used as input for all connection parameters used for activities placed under eDirectory category
35.4	Create Computer	Creates a new computer entry
35.5	Create Group	Creates a new group entry
35.6	Create User	Creates a new entry of class 'inetOrgPerson' in eDirectory
35.7	Delete Entry	Deletes an entry from Novell eDirectory
35.8	Edit Entry	Edits an entry from Novell eDirectory
35.9	List Entries	Returns all the entries in the specified container (search base). No attributes are returned
35.10	Remove User From Group	Removes a user from a group on Novell eDirectory
35.11	Rename Entry	Renames an entry from Novell eDirectory
35.12	Search Attributes	Searches for attribute values based on the search filter of the first matching DN
35.13	Disconnect From eDirectory	Disconnects from eDirectory

## 36. File Operations

36.1	Deactivate Directory Inheritance	Deactivate directory inheritance and delete all Security settings
36.2	Directory Rights	Changes permissions and adds access to the specified account
36.3	File INI Reader	File ini read operations
36.4	File INI Writer	File ini write operations
36.5	Remove Directory Rights	Remove permissions and access from a specified user
36.6	Rename File	Renames a file from a specified path
36.7	Import File Content String	Imports the content of a given file as a string
36.8	Get File By Time	Get the filepath of the oldest (or latest) file at a given folder path. The attribute being checked is Creation Date
36.9	Import From Stream	Imports from a stream and returns a string
36.10	Monitor File	Tracks the changes of a file that you specify
36.11	Monitor Folder	Tracks the changes of the files that you specify in folders and sub-folders
36.12	Move File	Moves or renames a file
36.13	PGP Decrypt File	Decrypt files that were encrypted using PGP
36.14	PGP Encrypt File	Encrypts a file or an entire folder tree using a PGP key file that you have created
36.15	Print File	Prints the given file
36.16	Unzip File	Unzips file to a specified path
36.17	Zip Folder	Zips folder from a specified path
36.18	Copy File	Copies a file
36.19	Files Search	Searches for files that match a given name rule and a specified path
36.20	Create Folder	Creates a folder at a specified path
36.21	Delete Folder	Deletes a folder from a specified path
36.22	Move Folder	Moves a folder from a given path to destination path
36.23	Rename Folder	Renames a folder from a specified path
36.24	Folder Search	Searches for folders that match a given name rule and outputs a collection of found folders names
36.25	Folder Set Rights	Sets rights for an Active Directory user on a given folder
36.26	Import File Stream Object	Imports a stream object from a given file
36.27	Import File Rows	Imports a stream object from file. Data is read row by row.
36.28	Remove File	Removes a file
36.29	Write File	Writes given content to a file

## 37. File Operations/Text File

37.1	Append Line	Appends a line to a text file
37.2	Delete Line	Deletes a line from a text file based on the given line number
37.3	Find Text	Finds and returns the lines that contain a specific text from a text file
37.4	Get Lines	Retrieves lines from a text file based on the specified parameters
37.5	Insert Line	Insert a line at a specified position in a text file
37.6	Search And Replace Text	Finds a section of text and replaces it with another one in a text file

## ACTIVITY

## DESCRIPTION

## 38. Global Variables Manager

38.1	Add Attribute	Adds a new global variable attribute
38.2	Add Folder	Adds a new global variable folder
38.3	Add Global Variable	Adds a new global variable
38.4	Connect To GV Manager	Connects and returns a GV manager connection
38.5	Delete Attribute	Deletes the specified global variable attribute
38.6	Delete Folder	Deletes the specified global variable folder
38.7	Delete Global Variable	Deletes the specified global variable
38.8	Disconnect From GV Manager	Disconnects the specified GV manager connection
38.9	Edit Attribute	Edits the specified global variable attribute
38.10	Edit Folder	Edits the specified global variable folder
38.11	Edit Global Variable	Edits the specified global variable
38.12	Get Attribute	Retrieves the specified global variable attribute
38.13	Get Attributes	Retrieves the global variable attributes
38.14	Get Folder	Retrieves the specified global variable folder
38.15	Get Folders	Retrieves the global variable folders
38.16	Get Global Variable	Retrieves the specified global variable
38.17	Get Global Variables	Retrieves the global variables from the specified folder

## 39. IPA

39.1	Add host to host group	Adds a new host to host group
39.2	Add new host group To IPA	Adds a new host group to IPA
39.3	Add new host To IPA	Adds a new host to IPA
39.4	Add new user To IPA	Adds a new user to IPA
39.5	Connect To IPA	Connects to IPA
39.6	Disconnect From IPA	Disconnects from IPA

## 40. ITSM/JIRA

40.1	Connect To JIRA	Connects to the specified JIRA account and outputs a JIRA client connection
40.2	Create Issue	Creates a new issue
40.3	Create User	Creates a new user
40.4	Delete Issue	Deletes the specified issue
40.5	Delete User	Deletes the specified user
40.6	Disconnect From JIRA	Disconnects the specified JIRA account
40.7	Edit User	Edits the specified user
40.8	Get Issues	Gets all the issues for the existing JIRA account
40.9	Get Projects	Gets all the projects for the existing JIRA account
40.10	Get User	Gets the specified user for the existing JIRA account
40.11	List Users	Returns all the users filtered by username for the existing JIRA account
40.12	Resolve Issue	Resolves the specified issue
40.13	Update Issue	Updates the specified issue

## 41. JSON

41.1	Create JSON	Creates a blank JSON string with a specified root element and heading. Optionally can be saved on disk
41.2	Edit JSON Node Value	Edits the value of the node given by a certain XPath
41.3	Find JSON Nodes	Returns a collection of nodes according to some given filters
41.4	Get JSON Node Value	Gets the text value of a given JSON node
41.5	Import JSON	Imports data from a given JSON file
41.6	Remove JSON Node	Removes the node given by a certain XPath
41.7	Add JSON Node	Adds a JSON node at a specified path in the JSON source file



## ACTIVITY

## DESCRIPTION

## 42. Mail/AutoKAS

42.1	Add mail account	Adds a new mail account to the specified AutoKAS account
42.2	Connect To AutoKAS	Connects to the specified AutoKAS account and outputs a AutoKAS client connection
42.3	Delete mail account	Deletes the desired mail account from the specified AutoKAS account
42.4	Disconnect From AutoKAS	Disconnects the specified AutoKAS account
42.5	List mail accounts	Lists all mail accounts and their information from the specified AutoKAS account
42.6	Update mail account	Update the desired mail account from the specified AutoKAS account

## 43. Mail/Exchange

43.1	Connect to Exchange Server	Connects to the specified Exchange server
43.2	Disconnect from Exchange Server	Disconnects the specified Exchange server
43.3	Copy Item	Copies an item to another folder on the specified Exchange server
43.4	Create Appointment	Create new appointment
43.5	Create Contact Group (Valid only for Exchange 2010 or later versions)	Create new contact group
43.6	Create Draft E-Mail	Creates an e-mail which will be sent to the drafts folder
43.7	Create Task	Create new task
43.8	Get Appointments	Gets the appointments on the specified Exchange server
43.9	Get Contact Groups	Find all contact groups on the specified Exchange server mailbox
43.10	Get Contacts	Gets all the contacts for the mailbox on the specified Exchange server
43.11	Get Email	Gets an e-mail ID on the specified Exchange server
43.12	Get Mailbox	Gets the mailbox on the specified Exchange server
43.13	Move Item	Moves an item to another folder on the specified Exchange server
43.14	Set As Out Of Office	Sets the specified e-mail address as out of office
43.15	Delete Item	Deletes an item
43.16	Forward E-Mail	Forward e-mail messages
43.17	Reply To E-Mail	Replies to e-mail messages
43.18	Create and Send E-Mail	Create and send an e-mail message to one or more recipients
43.19	Update Email	Updates the specified e-mail

## 44. Mail/Exchange/Administration

44.1	Create Mailbox	Create new mailbox
44.2	Disable Mailbox	Disables the specified mailbox
44.3	Edit Mailbox	Edits the specified mailbox
44.4	Enable Mailbox	Enables the specified mailbox
44.5	List Mailboxes	List all the mailboxes
44.6	Remove Mailbox	Removes the specified mailbox

## ACTIVITY

## DESCRIPTION

## 45. Mail/IBM Notes

45.1	Add User Mail Account	Creates a new user mail account. This activity can be executed only if the Lotus Domino is installed on machine
45.2	Create Document	Creates a IBM Domino document
45.3	Delete Document By UNID	Deletes a document by UNID
45.4	Get Contacts By UNID	Gets all contacts from entry using UNID
45.5	Get Document By UNID	Gets document by UNID
45.6	Get Documents	Gets all documents From Database
45.7	Get Entries	Gets all entries from database
45.8	Get Mail Content By UNID	Gets mail content by UNID from database
45.9	Get Mails	Gets all mails from database
45.10	Get View	Gets IBM Notes view
45.11	Connect To IBM Notes	Connects to the specified IBM Notes account and outputs a IBM Notes client connection
45.12	Disconnect From IBM Notes	Disconnects from IBM Notes
45.13	Remove Mailbox	Removes user mailbox
45.14	Set Database Rights	Sets database rights for a user

## 46. Mail/SMTP

46.1	Connect To Mailbox	Connects to the specified mailbox
46.2	Disconnect from Mailbox	Disconnects the specified mailbox
46.3	Get Emails	Gets all the e-mails by the specified filters

## 47. Mail/SMTP/Generic

47.1	Send Email	Sends an e-mail according to certain specifications
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## 48. Microsoft Identity Manager/Privileged Access Management

48.1	Disconnect From CM	Disconnects the specified CM connection
48.2	Connect To Certificate Management	Connects to the privileged account and outputs a CM connection
48.3	Create A MIM CM Request	Creates a MIM CM request
48.4	Get Certificates	Gets the list of certificates associated with the specified user (retired certificates are filtered)
48.5	Get Certificate Data	Gets the certificate data for which the account is a candidate
48.6	Get Certificates By Smart Card ID	Gets certificates by smart card ID
48.7	Get Profile Templates	Gets a list of profile templates that the specified user can enroll for. This method returns a limited view of the profile template. The profile template data returned should be sufficient to enable the requesting user to decide which profile template, if any, they need to enroll for. If no workflow and permission are specified, all profile templates visible to the user will be returned
48.8	Get Smartcard Policy	Gets the profile template policy for the specified workflow. This data is used during request creation. The workflow policy specifies which data is needed by the client in order to create a request. Such data may include: various data collection items, request comments, and one time password policy
48.9	Get All Smart Cards	Gets smart cards data

## ACTIVITY

## DESCRIPTION

## 49. Microsoft Identity Manager/Privileged Access Management

49.1	Disconnect From PAM	Disconnects the specified PAM connection
49.2	Approve PAM Request	Approves a request to elevate to a PAM role
49.3	Close PAM Request	Closes a request that was initiated to elevate to a PAM role
49.4	Connect To PAM	Connects to the privileged account and outputs a PAM connection
49.5	Create PAM Request	Creates a request to elevate the privileged account to a PAM role
49.6	Get PAM Requests	Gets a history of previously posted PAM requests
49.7	Get PAM Roles	Gets the PAM roles for which the account is a candidate
49.8	Get PAM Session Info	Gets the username of the account that is logged in to the session
49.9	Get Pending PAM Requests	Gets a list of pending requests that need approval
49.10	Reject PAM Request	Rejects a PAM request to elevate to a PAM role

## 50. Network/AlgoSec

50.1	Check Flow Connectivity	Runs check connectivity on a specific flow and returns the results
50.2	Get Function Flow	Returns a single flow from an application
50.3	Create Change	Creates a new change request
50.4	Connect To AlgoSec	Connects to the specified AlgoSec account and outputs a AlgoSec client connection
50.5	Disconnect From AlgoSec	Disconnects the specified AlgoSec account
50.6	Get Change Status	Gets the specified Change status

## 51. Network/Infoblox

51.1	Delete IP Reservation	Deletes the specified IP address reservation
51.2	Reserve IP	Reserves the specified IP address
51.3	Connect To Infoblox	Connects to the specified Infoblox account and outputs a Infoblox client connection
51.4	Add Host	Adds a new host for the IP address
51.5	Disconnect From Infoblox	Disconnects the specified Infoblox account
51.6	Get DHCP Info	Gets information about DHCP enabled or not for the specified network
51.7	List Gateway Addresses	Lists all the gateway addresses from the specified network area
51.8	List DNS Addresses	Lists all the DNS addresses from the specified network area
51.9	Get DNS Address	Gets the specified DNS address from a given network area
51.10	Get Free IP Address	Gets the next free IP address in the given network area
51.11	Get Network Area Configuration	Gets the specified network's configuration
51.12	Get Gateway Address Information	Returns information about the input gateway address

## 52. Office/Excel

52.1	Read Excel File	Reads data from an excel file (.xlsx) to a collection of collection of strings
52.2	Write Excel File	Create and write to an excel file (.xlsx)

## ACTIVITY

## DESCRIPTION

## 53. Orchestrator/Microsoft System Center

53.1	Connect To Orchestrator	Connects to the Microsoft Orchestrator server
53.2	Disconnect From Orchestrator	Disconnects from the Microsoft Orchestrator server
53.3	Get Runbook	Retrieves all the parameters for a specified runbook
53.4	Get Runbook Instance Parameters	Retrieves the parameter values from a particular runbook instance
53.5	Get Runbook Instances	Retrieves all the instances of a particular runbook
53.6	Get Runbook Parameters	Retrieves all the parameters for a specified runbook
53.7	List Events	Lists all the events from the Microsoft Orchestrator server
53.8	List Jobs	Lists Jobs according to a given filter
53.9	List Runbook Servers	Lists all the Runbook Servers from the Microsoft Orchestrator server
53.10	List Runbooks	Retrieves all the runbooks
53.11	Start Runbook	Starts the specified runbook
53.12	Stop Job	Stops the specified running Job

## 54. OS Virtualization/Citrix Provisioning Server

54.1	Remove Device	Removes a device from Citrix Provisioning server farm
54.2	Add Device To Domain	Creates an Active Directory machine account for an existing device on a Citrix Provisioning server farm
54.3	Add vDisk Maintenance Version	Add a new maintenance version to a disk
54.4	Add vDisk Version	Add one or more new versions to a disk. A manifest file for the new disk version(s) must exist in the store
54.5	Add vDisk	Imports and adds vDisk with given name
54.6	Clone vDisk	Clones the specified virtual disk
54.7	Connect To PVS	Connects to a provisioning server host
54.8	Copy Manifest Files	Prepares the required manifest files for the virtual disk
54.9	Create vDisk	Creates an PVS disk
54.10	Disconnect From PVS	Disconnects from a provisioning server host
54.11	Export vDisk	Exports the disk stack to a manifest file
54.12	Device Exists	Checks if the device exists in a Citrix provisioning server farm
54.13	Set Device Type	Set a new type for an existing device
54.14	Import vDisk	Imports a disk. It will add a disk locator for the disk to the site. A manifest file must exist in the store. The return value is the GUID of the disk locator added
54.15	Promote vDisk Version	Promotes the maintenance version or a test version to a test or new production version
54.16	Remove Device from Domain	Removes an existing device from an Active Directory domain
54.17	Remove vDisk	Removes a specified vDisk from Citrix Provisioning server farm
54.18	Revert vDisk Version	Reverts the existing highest version disk to maintenance or test mode. A specified version can be reverted to test mode if there are no production versions higher than it. If the mode is test, it can be set to maintenance
54.19	Append vDisk To Device	Appends vDisk to specified device
54.20	Create Device	Creates a Device in a Citrix Provisioning server Farm
54.21	Get vDisk Info	Gets vDisk information
54.22	Remove vDisk from device	Removes a specified vDisk from Citrix Provisioning server farm
54.23	Set Access Mode vDisk	Sets the access mode property for vDisk
54.24	Set Device	Sets existing Device properties in a Citrix Provisioning server Farm
54.25	Set vDisk Build Version	Sets the build property for vDisk

## ACTIVITY

## DESCRIPTION

## 55. OS Virtualization/Citrix Provisioning Server/Generic

55.1	Execute Add	Citrix PVS - SOAP execute Add
55.2	Execute Macro Set	Citrix PVS - SOAP execute Macro Set
55.3	Execute Run Byte Array Input	Citrix PVS - SOAP execute Run Byte Array Input
55.4	Execute Run Byte Array Output	Citrix PVS - SOAP execute Run Byte Array Output
55.5	Execute Run With Return	Citrix PVS - SOAP execute Run With Return
55.6	Execute Delete	Citrix PVS - SOAP execute Delete
55.7	Execute Get	Citrix PVS - SOAP execute Get
55.8	Execute Info	Citrix PVS - SOAP execute Info
55.9	Execute Run	Citrix PVS - SOAP execute Run
55.10	Execute Set	Citrix PVS - SOAP execute Set
55.11	Execute Set List	Citrix PVS - SOAP execute Set List

## 56. Powershell

56.1	PS Script	Runs a Powershell script
56.2	PS Script External	Runs an external Powershell script
56.3	Powershell DSC	Sends the compiled configuration files (.mof) to the MS Configuration Service for execution

## 57. Registry Operations

57.1	Import From Registry	Imports data from Windows registry
57.2	Import From Remote Registry	Imports data from remote Windows registry
57.3	Write To Registry	Writes data to Windows registry
57.4	Write To Remote Registry	Writes data to Remote Windows registry

## 58. SaltStack/Rest API

58.1	Connect To SaltStack	Connects to SaltStack server
58.2	Disconnect From SaltStack	Disconnects from SaltStack
58.3	Execute Command	Executes a SaltStack command

## 59. SaltStack/SSH

59.1	Connect To SaltStack	Connects to SaltStack server
59.2	Disconnect From SaltStack	Disconnects from SaltStack
59.3	Execute Command	Executes a SaltStack command

## ACTIVITY

## DESCRIPTION

## 60. Server Virtualization/Citrix Xen Server

60.1	Assign VM To VApp	Assigns a VM to a vApp (VM appliance)
60.2	Connect To Citrix	Connects to a Citrix Host. The output of this activity should be used as Input for all Connection parameters used for all activities found under Citrix category
60.3	Disconnect From Citrix	Disconnects from Citrix host
60.4	Eject Mounted Image	Ejects a mounted image from a specified VM
60.5	Get All Iso VDIs	Outputs a collection of VDIs whose names end in .iso
60.6	Get Storage Capacity	Retrieves the storage capacity of the hypervisor
60.7	Get VM Storage	Retrieves the storage capacity of the VDIs for a VM
60.8	Get VM Template	Retrieves the templates matching the name label parameter from a given XenServer connection
60.9	Shutdown Guest	Shuts down Citrix guest
60.10	Host Reboot	Reboots Citrix host
60.11	Shut Down Host	Shuts down Citrix host
60.12	Mount Iso To VM	Mounts the specified ISO on the specified VM
60.13	Network Adapters Get	Gets and returns the network adapters from the specified virtual machine
60.14	Restore VM To Snapshot	Restores the specified virtual machine from the selected snapshot
60.15	VM Snapshot Delete	Deletes a snapshot of the selected Virtual Machine
60.16	Snapshots List	Lists snapshots of the virtual machine
60.17	VApp Create	Creates a vApp (VM appliance)
60.18	VApp Delete	Deletes a vApp (VM appliance)
60.19	VIF Create	Creates a Virtual Network Interface on a Citrix hosted virtual machine
60.20	VM Add Tag	Adds a tag to a given VM
60.21	VM Clone	Clones an existing VM or template
60.22	VM Create	Creates a virtual machine on a Citrix hosted server
60.23	VM Create from template	Creates a virtual machine on a Citrix hosted server from a given template
60.24	VM Delete	Deletes the VM matching the Name Label parameter from a given XenServer connection
60.25	VM Edit Parameters	Edits the value of a VMs parameters
60.26	VM Force Shutdown	Forces a VM on XenServer host to power off
60.27	VM Get	Retrieves the VMs matching the name Label parameter from a given XenServer connection
60.28	VM Get Status	Retrieves the VM status. E.g. powered on/off
60.29	VM Force Reboot	Forces a reboot of the specified VM
60.30	VM Object Export	Exports a virtual machine object (snapshot)
60.31	VM Remove Tag	Removes a tag from a specified VM
60.32	VM Start	Starts the specified virtual machine
60.33	VM Suspend	Suspends the specified VM
60.34	VM Template Exists	Verifies if the specified virtual machine exists
60.35	VM XenServer Tools	Retrieves the Xen tools information
60.36	VMs Get	Retrieves all VMs from a given XenServer connection
60.37	Take VM Snapshot	Takes a snapshot of the selected virtual machine

## 61. Server Virtualization/Citrix Xen Server/Pools

61.1	Designate Pool	Designates a new pool master
61.2	Enter Maintenance Mode	Enters maintenance mode. If the host given as input is host master, please use designate pool activity first to designate a new master, prior to using this activity in the workflow logic
61.3	Force Shut Down Host By IP	Forces shuts down Citrix host
61.4	Get HA State	Returns the state of HA
61.5	Get Maintenance Mode	Returns the maintenance state of host
61.6	Get Pool	Retrieves the pool information
61.7	Get Pool Host	Returns information about pool Host
61.8	Shut Down Host By IP	Shuts down Citrix host
61.9	List Pool Hosts	Returns a list of pool hosts
61.10	List Host VMs	Gets a list of VM hosts
61.11	Set HA State	Enables high availability for pool

## 62. Server Virtualization/Microsoft Hyper-V

62.1	Add Virtual Hard Drive	Creates a virtual hard drive for the specified VM
62.2	Add Virtual Network	Creates a virtual network for the specified VM
62.3	Clone VM	Clones a VM on a Hyper-V host
62.4	Compact Virtual Hard Disk	Compacts a dynamic virtual hard disk file. Compacting is the process of unallocating unused portions of the virtual hard disk
62.5	Create New Disk	Create a new disk and add it to a virtual machine
62.6	Create User Role	Creates a user role on a Hyper-V virtual machine
62.7	Create VM	Creates a VM on a Hyper-V host
62.8	Create VM From Template	Creates a VM on a Hyper-V host
62.9	Delete Snapshot	Removes the specified snapshot of the specified VM
62.10	Delete User Role	Deletes a user role on a Hyper-V virtual machine
62.11	Delete VM	Removes the specified virtual machine
62.12	Expand Virtual Hard Disk	Expands an existing virtual hard disk (.vhd) file
62.13	VM Get Network Adapter	Retrieve an existing virtual network adapter based on the filters you specify
62.14	Get User Role	Gets the user role of a Hyper-V virtual machine
62.15	Get VM Host	Gets the host of a Hyper-V virtual machine
62.16	VM Get Virtual Hard Disk	Retrieves information about a virtual hard disk
62.17	Hyper-V Apply Snapshot	Applies the specified snapshot to the specified VM
62.18	Connect To Hyper-V	Connects to a Hyper-V host. The output of this activity should be used as Input for all Connection parameters used for all activities found under this category
62.19	Disconnect Hyper-V	Disconnects from a Hyper-V host
62.20	Hyper-V Edit VM Parameters	Modify a specified VM's parameters
62.21	Hyper-V Export VM	Exports a virtual computer system, or a snapshot of a virtual computer system, in the 'powered off' or 'saved' state to a file
62.22	Get VMs On Hyper-V	Gets and returns all registered Virtual Machines on a Hyper-V Host
62.23	Hyper-V Import VM	Imports a virtual computer system. The resulting virtual computer system will be in the disabled state
62.24	Pause VM On Hyper-V	Pauses a specified virtual machine on a Hyper-V host
62.25	Power Off VM On Hyper-V	Powers off a specified virtual machine on a Hyper-V host
62.26	Power On VM On Hyper-V	Powers on a specified virtual machine on a Hyper-V host
62.27	Reboot VM On Hyper-V	Reboots the guest operating system of a specified virtual machine on a Hyper-V host
62.28	Reset VM On Hyper-V	Resets a virtual machine on a Hyper-V host
62.29	Save Snapshot	Saves the current state of a specified virtual machine
62.30	Shutdown VM On Hyper-V	Shutdown the guest operating system of a specified virtual machine on an Hyper-V host
62.31	List VM Snapshots	Retrieves all snapshots belonging to a specified VM
62.32	Merge Virtual Hard Disk	Merges a differencing virtual hard disk file with its parents. If the user executing this function does not have permission to update the virtual machines, then this function will fail
62.33	Mount Virtual Disk	Mounts a virtual disk image file
62.34	Remove Network Adapter	Removes the specified network adapter of the specified VM
62.35	Unmount Virtual Disk	Unmounts a virtual disk image file
62.36	VM Exists	Verifies if the specified virtual machine exists
62.37	VM Get Status	Retrieves the state and other related information about a virtual machine

## ACTIVITY

## DESCRIPTION

## 63. Server Virtualization/Microsoft Hyper-V/V2 V3

63.1	Add Virtual Harddrive	Creates a virtual hard drive for the specified VM
63.2	Add Virtual Network	Creates a virtual network for the specified VM
63.3	Clone VM	Clones a VM on a Hyper-V host
63.4	Compact Virtual Hard Disk	Compacts a dynamic virtual hard disk file. Compacting is the process of unallocating unused portions of the virtual hard disk
63.5	Create New Disk	Create a new disk and add it to a virtual machine
63.6	Create User Role	Creates a user role on a Hyper-V virtual machine
63.7	Create VM From Template	Creates a VM on a Hyper-V host
63.8	Create VM	Creates a VM on a Hyper-V host
63.9	Delete Checkpoint(Snapshot)	Removes the specified checkpoint(snapshot) of the specified VM
63.10	Delete User Role	Deletes a user role on a Hyper-V virtual machine
63.11	Delete VM	Removes the specified virtual machine
63.12	Expand Virtual Hard Disk	Expands an existing virtual hard disk (.vhd) file
63.13	Get Integration Services	Gets Integration Services for a specified VM
63.14	VM Get Network Adapter	Retrieves an existing Virtual Network Adapter based on the filters you specify
63.15	Get User Role	Gets the user role of a Hyper-V virtual machine
63.16	Get VM Host	Gets the host of a Hyper-V virtual machine
63.17	Get VM Id By Name	Gets virtual machine id by name
63.18	VM Get Virtual Hard Disk	Retrieves information about a virtual hard disk
63.19	HyperV Apply Checkpoint(Snapshot)	Applies the specified checkpoint(snapshot) to the specified VM
63.20	Connect to Hyper-V	Connects to a Hyper-V host. The output of this activity should be used as Input for all connection parameters used for all activities found under this category
63.21	Disconnect Hyper-V	Disconnects from a Hyper-V host
63.22	HyperV Edit VM Parameters	Modifies a specified VM's parameters
63.23	HyperV Export VM	Exports a virtual computer system, or a checkpoint(snapshot) of a virtual computer system, in the 'powered off' or 'saved' state to a file
63.24	Get VMs on Hyper-V	Gets and returns all registered virtual machines on a Hyper-V host
63.25	HyperV Import VM	Imports a virtual computer system. The resulting virtual computer system will be in the disabled state
63.26	Pause VM on Hyper-V	Pauses a specified virtual machine on a Hyper-V host
63.27	Power Off VM on Hyper-V	Powers off a specified virtual machine on a Hyper-V host
63.28	Power On VM on Hyper-V	Power on a specified virtual machine on a Hyper-V host
63.29	Reboot VM on Hyper-V	Reboots the guest operating system of a specified virtual machine on a Hyper-V host
63.30	Reset VM on Hyper-V	Resets a virtual machine on a Hyper-V host
63.31	Save Checkpoint(Snapshot)	Saves the current state of a specified virtual machine
63.32	Shutdown VM on Hyper-V	Shuts down the guest operating system of a specified virtual machine on an Hyper-V host
63.33	List VM Checkpoints(Snapshots)	Retrieves all the checkpoints(snapshots) belonging to a specified VM
63.34	Merge Virtual Hard Disk	Merges a differencing virtual hard disk file with its parents. If the user executing this function does not have permission to update the virtual machines, then this function will fail
63.35	Mount Virtual Disk	Mounts a virtual disk image file
63.36	Remove Network Adapter	Removes the specified network adapter of the specified VM
63.37	Unmount Virtual Disk	Unmounts a virtual disk image file
63.38	VM Exists	Verifies if the specified virtual machine exists
63.39	VM Get Memory Usage	Retrieves the current memory usage of the specified virtual system
63.40	VM Get Status	Retrieves the state and other related information about a virtual machine

## 64. Server Virtualization/VMware/Horizon View

64.1	Get Desktop Pool	Returns information about the desktop pool with the specified ID
64.2	Get View Connection Server Information	Displays the configuration settings of a View connection server instance
64.3	Remove Desktop Pool	Removes the desktop pool with the specified ID
64.4	Reset Virtual Machines	Resets the virtual machines for the desktop pool with the given ID
64.5	Disconnect Remote Session	Disconnects the specified remote session
64.6	Log Off Remote Session	Logs out the specified remote session
64.7	Update View Connection Server configuration	Updates the configuration settings on a View connection server instance



## ACTIVITY

## DESCRIPTION

## 65. Server Virtualization/VMware/VMware5x

65.1	Connect To host	Connects to a VMware host. The output of this activity should be used as Input for all connection parameters used for all activities found under VMware directory
65.2	Disconnect From host	Disconnects from VMware host

## 66. Server Virtualization/VMware/VMware5x/Cloud

66.1	Connect To vCloud	Connects to the specified vCloud account and outputs a vCloud client connection
66.2	Create Snapshot	Creates a VM snapshot
66.3	Create Cloud vApp	Creates Cloud vApp
66.4	Delete VM	Deletes VM
66.5	Find Cloud vApp VM	Finding the VM using the org name and the vApp name
66.6	Get Attached Disks	Get vCloud attached virtual disks
66.7	Get CPU	Gets CPU
66.8	Get Disks	Get vCloud virtual disks
66.9	Power VM	Powers on-off VM
66.10	Set CPU	Sets CPU
66.11	VM Cloud Disconnect	VM cloud disconnect

## 67. Server Virtualization/VMware/VMware5x/Cluster

67.1	Create Cluster	Creates a new cluster
67.2	Delete Cluster	Deletes the specified cluster
67.3	Edit Cluster Properties	Edit cluster properties such as HA (enabled/disabled), DRS (enabled/disabled) and DRS automation level
67.4	Get Cluster	Returns the specified cluster ID
67.5	Get Cluster Properties	Returns the properties of the specified cluster
67.6	Get All Clusters	Returns all the clusters

## 68. Server Virtualization/VMware/VMware5x/Datastore

68.1	Create Datastore	Creates a new datastore
68.2	Get All Paths for Datastore	Gets and returns all the paths for the desired datastore
68.3	Get Datastore	Returns the specified datastore ID
68.4	Get Datastore Capacity	Retrieves the capacity available on a specific data store
68.5	Get Path Policy for Datastore	Gets and returns the path policy for the desired datastore
68.6	List data stores	Lists all the datastores from the specified Object
68.7	Remove Datastore	Removes a datastore from a host

## ACTIVITY

## DESCRIPTION

## 69. Server Virtualization/VMware/VMware5x/Host

69.1	Add Send Target Server	Adds the new SCSI send target server
69.2	Get Host	Gets and returns the host ID
69.3	Get Host State	Gets the specified host's state
69.4	Get Advanced Options From Host	Gets and returns all the advanced setting values for a specified Host
69.5	Get Multipaths	Gets and returns all the multipath names for a specified Host
69.6	Host Operations	Performs operations on the specified ESX host
69.7	List Hosts	Lists all the Hosts from the specified datacenter
69.8	List ISO Files	Lists all the existing ISO files for all the datastores existing on the specified host
69.9	Maintenance Mode	Enters and exits maintenance mode for an ESX host
69.10	Remove Target Entry	Removes send target entries from the host bus adapter discovery list
69.11	Rescan Adapters	Rescans vmfs devices and all host bus adapters
69.12	Set Advanced Options from Host	Updates the selected advanced settings for a specified Host
69.13	Set Multipaths	Updates the selected multipath for a specified host

## 70. Server Virtualization/VMware/VMware5x/Network

70.1	Add new virtual switch	Adds a new virtual switch
70.2	Edit Virtual Switch	Edits the specified virtual switch
70.3	Get Virtual Network Adapters	Gets all the virtual network adapters for the specified host
70.4	Remove Virtual Switch	Removes the specified virtual switch
70.5	Get Network Adapter Properties	Retrieves the properties of the specified network adapter for the selected virtual machine
70.6	Get Network Connections	Retrieves the available network connections for the selected host

## 71. Server Virtualization/VMware/VMware5x/Resource Pool

71.1	Create Resource Pool	Creates a new resource pool on the existing Resource pool or the specified cluster
71.2	Edit Resource Pool	Edits the specified resource pool
71.3	Get Resource Pool	Returns the specified resource pool ID
71.4	Get Resource Pool Properties	Retrieves all the runtime information for a resource pool
71.5	List Resource Pools	Retrieves a list of all the resource pools
71.6	Remove Resource Pool	Removes the specified resource pool

## 72. Server Virtualization/VMware/VMware5x/Virtual Devices

72.1	VM Create CD Rom	Creates a new virtual CD Rom on the specified virtual machine
72.2	VM Create Virtual Disk	Creates a new virtual disk on the specified virtual machine
72.3	VM Create Ethernet Device	Creates a new ethernet device on the specified virtual machine
72.4	VM Edit CD Rom	Edits the specified virtual CD Rom on the virtual machine
72.5	VM Edit Virtual Disk	Edits the specified virtual disk on the virtual machine
72.6	VM Edit Ethernet Device	Edits the desired ethernet device from the specified virtual machine
72.7	VM Get Virtual CD Rom	Returns the desired virtual CD Rom ID found on the specified virtual machine
72.8	VM Get Virtual Disk	Returns the desired virtual Disk ID found on the specified virtual machine
72.9	VM Get Virtual Ethernet Device	Returns the desired virtual ethernet device ID found on the specified virtual machine
72.10	VM List Virtual CD Roms	Lists all the virtual CD Roms from the specified virtual machine
72.11	VM List Virtual Disks	Lists all the virtual disks from the specified virtual machine
72.12	VM List Virtual Ethernet Devices	Lists all the virtual ethernet devices from the specified virtual machine
72.13	VM Remove Virtual CD Rom	Removes the desired virtual CD Rom from the specified virtual machine
72.14	VM Remove Virtual Disk	Removes the desired virtual disk from the specified virtual machine
72.15	VM Remove Virtual Ethernet Device	Removes the desired virtual ethernet device from the specified virtual machine
72.16	VM List Controllers	Lists the specified controllers

## 73. Server Virtualization/VMware/VMware5x/Virtual Machine

73.1	Clone vApp	Creates a clone of a vApp
73.2	VM Clone	Clones a virtual machine from a specified virtual machine on host
73.3	Create vApp	Creates a new vApp container
73.4	VM Create	Creates a new virtual machine on Host
73.5	VM Deploy	Deploys a new VM from an existing template
73.6	Get Annotations	Retrieves a list of all the annotations of the specified object (virtual machine, ...)
73.7	Get Attributes	Retrieves a list of all the Attributes of the specified object (virtual machine, folder, ...)
73.8	Get VApp	Returns the specified vApp ID
73.9	Set Annotation	Sets value for the specified annotation of selected object (virtual machine, ...)
73.10	Set Description	Sets value of description field of selected object (virtual machine, ...)
73.11	Set Field	Sets value of specified field of selected object (virtual machine, ...)
73.12	VM Answer	Responds to a question that is blocking the specified virtual machine
73.13	VM Create Screenshot	Creates a screenshot of the specified virtual machine
73.14	VM Create Secondary	Creates secondary virtual machine for the specified virtual machine
73.15	VM Customize	Customize a virtual machine using a designated script
73.16	VM Defragment All disks	Defragments all disks of the specified virtual machine
73.17	VM Disable Secondary	Disables secondary virtual machine of the specified virtual machine
73.18	VM Edit	Edits the specified virtual machine
73.19	VM Enable Secondary	Enables secondary virtual machine of the specified virtual machine
73.20	VM Exists	Verifies if the specified virtual machine exists
73.21	VM Export	Exports the specified virtual machine
73.22	VM Get Parent	Returns the specified VM's parents
73.23	VM Get	Gets and returns the specified virtual machine
73.24	VM Get Status	Retrieves the state and other related information about a virtual machine
73.25	VM Get Storage Usage	Retrieves a subset of the storage information of this virtual machine
73.26	VM List All Snapshots	Lists all the existing Snapshots from the existing virtual machine
73.27	VM List From Host	Lists all virtual machines on a specified Host
73.28	VM List	Lists all virtual machines from the specified location
73.29	VM List Templates	Gets the list of VM templates from the specified location
73.30	VM Mark As Template	Marks the specified virtual machine as template
73.31	VM Migrate	Moves the specified virtual machine to another host and/or to another data store
73.32	VM Mount Tools Installer	Mounts tools Installer for the specified virtual machine
73.33	VM Move	Moves the specified virtual machine to the selected destination
73.34	VM Power Off	Stops a virtual machine that has already been added to a VMware vSphere server
73.35	VM Power On	Starts a virtual machine that has been added to a VMware vSphere server and is not already running
73.36	VM Reboot Guest	Reboots the guest operating system of the specified virtual machine
73.37	VM Refresh Storage Info	Refreshes storage Info for the specified virtual machine
73.38	VM Reload	Reloads the specified virtual machine
73.39	VM Remove All Snapshots	Removes all snapshots of the specified virtual machine
73.40	VM Remove	Removes the specified virtual machine
73.41	VM Remove Snapshot	Removes the specified snapshot from the existing virtual machine
73.42	VM Rename	Renames the specified virtual machine
73.43	VM Reset	Resets the specified virtual machine
73.44	VM Reset Guest Information	Resets the guest operating system information of the specified virtual machine
73.45	VM Revert To Current Snapshot	Reverts to current snapshot the specified virtual machine
73.46	VM Revert To the given Snapshot	Reverts the virtual machine to the given snapshot
73.47	VM Set Display Resolution	Sets the display resolution of the console window for the selected virtual machine
73.48	VM Shut Down Guest	Shuts down the guest operating system of the specified virtual machine
73.49	VM Standby Guest	Stand by guest of the specified virtual machine
73.50	VM Suspend	Suspends the specified virtual machine
73.51	VM Take Snapshot	Takes a snapshot of the specified virtual machine
73.52	VM Tools Status	Verifies the specified virtual machines' tools status
73.53	VM Unmount Tools Installer	Unmounts tools Installer for the selected virtual machine
73.54	VM Unregister	Unregisters the specified virtual machine
73.55	VM Upgrade Tools	Upgrades tools for the specified virtual machine
73.56	VM Upgrade Version	Upgrades version of the specified virtual machine

## ACTIVITY

## DESCRIPTION

## 74. Server Virtualization/VMware/VMware6x

74.1	Connect To Host	Connects to a VMware host. The Output of this activity should be used as input for all connection parameters used for all activities found under VMware directory
74.2	Disconnect From Host	Disconnects from VMware host

## 75. Server Virtualization/VMware/VMware5x/Cluster

75.1	Create Cluster	Creates a new cluster
75.2	Delete Cluster	Deletes the specified cluster
75.3	Edit Cluster Properties	Edits cluster properties such as HA (enabled/disabled), DRS (enabled/disabled) and DRS automation level
75.4	Get Cluster	Returns the specified cluster ID
75.5	Get Cluster Properties	Returns the properties of the specified cluster
75.6	Get All Clusters	Returns all the clusters

## 76. Server Virtualization/VMware/VMware6x/Content Library

76.1	Create Virtual Machine From Content Library Template	Creates a new virtual machine from the specified content library template
76.2	Get Content Library Items	Gets the specified content library items

## 77. Server Virtualization/VMware/VMware5x/Datastore

77.1	Create Datastore	Creates a new data store
77.2	Get All Paths For Datastore	Gets and returns all the paths for the desired data store
77.3	Get Datastore	Returns the specified data store ID
77.4	Get Datastore Capacity	Retrieves the capacity available on a specific data store
77.5	Get Path Policy For Datastore	Gets and returns the path policy for the desired data store
77.6	List Datastores	Lists all the data stores from the specified object
77.7	Remove Datastore	Removes a data store from a host

## 78. Server Virtualization/VMware/VMware5x/Host

78.1	Add Send Target Server	Adds the new SCSI send target server
78.2	Get Host	Gets and returns the host ID
78.3	Get Advanced Options From Host	Gets and returns all the advanced setting values for a specified Host
78.4	Get Multipaths	Gets and returns all the multipath names for a specified host
78.5	Host Operations	Performs operations on the specified ESX host
78.6	List Hosts	Lists all the Hosts from the specified datacenter
78.7	List ISO Files	Lists all the existing ISO files for all the data stores existing on the specified host
78.9	Maintenance Mode	Enters and exits maintenance mode for an ESX host
78.10	Remove Target Entry	Removes send target entries from the host bus adapter discovery list
78.11	Rescan Adapters	Rescans vmfs devices and all host bus adapters
78.12	Set Advanced Options From Host	Updates the selected advanced settings for a specified Host
78.13	Set Multipaths	Updates the selected multipath for a specified host

## 79. Server Virtualization/VMware/VMware5x/Network

79.1	Add New Virtual Switch	Adds a new virtual switch
79.2	Edit Virtual Switch	Edits the specified virtual switch
79.3	Get Virtual Network Adapters	Gets all the virtual network adapters for the specified host
79.4	Remove Virtual Switch	Removes the specified virtual switch
79.5	Get Network Adapter Properties	Retrieves the properties of the specified network adapter for the selected virtual machine
79.6	Get Network Connections	Retrieves the available network connections for the selected host

## 80. Server Virtualization/VMware/VMware5x/Resource Pool

80.1	Create Resource Pool	Creates a new resource pool on the existing resource pool or the specified cluster
80.2	Edit Resource Pool	Edits the specified resource pool
80.3	Get Resource Pool	Returns the specified resource pool ID
80.4	Get Resource Pool Properties	Retrieves all the runtime information for a resource pool
80.5	List Resource Pools	Retrieves a list of all the resource pools
80.6	Remove Resource Pool	Removes the specified resource pool

## 81. Server Virtualization/VMware/VMware6x/Virtual Devices

81.1	VM Change MAC Address	Edits the MAC address for the ethernet device from the specified virtual machine
81.2	VM Create CD Rom	Creates a new virtual CD Rom on the specified virtual machine
81.3	VM Create Virtual Disk	Creates a new virtual disk on the specified virtual machine
81.4	VM Create Ethernet Device	Creates a new ethernet device on the specified virtual machine
81.5	VM Edit CD Rom	Edits the specified virtual CD Rom on the virtual machine
81.6	VM Edit Virtual Disk	Edits the specified virtual disk on the virtual machine
81.7	VM Edit Ethernet Device	Edits the desired ethernet device from the specified virtual machine
81.8	VM Get Virtual CD Rom	Returns the desired virtual CD Rom ID found on the specified virtual machine
81.9	VM Get Virtual Disk	Returns the desired virtual disk ID found on the specified virtual machine
81.10	VM Get Virtual Ethernet Device	Returns the desired virtual ethernet device ID found on the specified virtual machine
81.11	VM List Virtual CD Roms	Lists all the virtual CD Roms from the specified virtual machine
81.12	VM List Virtual Disks	Lists all the virtual disks from the specified virtual machine
81.13	VM List Virtual Ethernet Devices	Lists all the virtual ethernet devices from the specified virtual machine
81.14	VM Remove Virtual CD Rom	Removes the desired virtual CD Rom from the specified virtual machine
81.15	VM Remove Virtual Disk	Removes the desired virtual disk from the specified virtual machine
81.16	VM Remove Virtual Ethernet Device	Removes the desired virtual ethernet device from the specified virtual machine
81.17	VM List Controllers	Lists the specified controllers

## 82. Server Virtualization/VMware/VMware6x/Virtual Machine

82.1	Clone vApp	Creates a clone of a vApp
82.2	VM Clone	Clones a virtual machine from a specified virtual machine on host
82.3	Create vApp	Creates a new vApp container
82.4	VM Create	Creates a new virtual machine on host
82.5	VM Deploy	Deploys a new VM from an existing template
82.6	Get Annotations	Retrieves a list of all the annotations of the specified object (virtual machine, ...)
82.7	Get Attributes	Retrieves a list of all the attributes of the specified object (virtual machine, folder, ...)
82.8	Get vApp	Returns the specified vApp ID
82.9	Set Annotation	Sets value for the specified annotation of selected object (virtual machine, ...)
82.10	Set Description	Sets value of description field of selected virtual machine
82.11	VM Answer	Responds to a question that is blocking the specified virtual machine
82.12	VM Create Screenshot	Creates a screenshot of the specified virtual machine
82.13	VM Create Secondary	Creates secondary virtual machine for the specified virtual machine
82.14	VM Customize	Customizes a virtual machine using a designated script
82.15	VM Defragment all disks	Defragments all disks of the specified virtual machine
82.16	VM Disable Secondary	Disables secondary virtual machine of the specified virtual machine
82.17	VM Edit	Edits the specified virtual machine
82.18	VM Enable Secondary	Enables secondary virtual machine of the specified virtual machine
82.19	VM Exists	Verifies if the specified virtual machine exists
82.20	VM Export	Exports the specified virtual machine
82.21	VM Get Parent	Returns the specified VM's parents
82.22	VM Get	Gets and returns the specified virtual machine
82.23	VM Get Status	Retrieves the state and other related information about a virtual machine
82.24	VM Get Storage Usage	Retrieves a subset of the storage information of this virtual machine
82.25	VM List All Snapshots	Lists all the existing snapshots from the existing virtual machine
82.26	VM List From Host	Lists all virtual machines on a specified Host
82.27	VM List	Lists all virtual machines from the specified location
82.28	VM List Templates	Gets the list of VM templates from the specified location
82.29	VM Mark As Template	Marks the specified virtual machine as template
82.30	VM Migrate	Moves the specified virtual machine to the selected destination
82.31	VM Mount Tools Installer	Mounts tools installer for the specified virtual machine
82.32	VM Move	Moves the specified virtual machine to the selected destination
82.33	VM Power Off	Stops a virtual machine that has already been added to a VMware vSphere server
82.34	VM Power On	Starts a virtual machine that has been added to a VMware vSphere server and is not already running
82.35	VM Reboot Guest	Reboots the guest operating system of the specified virtual machine
82.36	VM Refresh Storage Info	Refreshes storage info for the specified virtual machine
82.37	VM Reload	Reloads the specified virtual machine
82.38	VM Remove All Snapshots	Removes all snapshots of the specified virtual machine
82.39	VM Remove	Removes the specified virtual machine
82.40	VM Remove Snapshot	Removes the specified snapshot from the existing virtual machine
82.41	VM Rename	Renames the specified virtual machine
82.42	VM Reset	Resets the specified virtual machine
82.43	VM Reset Guest Information	Resets the guest operating system information of the specified virtual machine
82.44	VM Revert to Current Snapshot	Reverts to current snapshot the specified virtual machine
82.45	VM Revert to the given Snapshot	Reverts the virtual machine to the given snapshot
82.46	VM Set Display Resolution	Sets the display resolution of the console window for the selected virtual machine
82.47	VM Shut Down Guest	Shuts down the guest operating system of the specified virtual machine
82.48	VM Standby Guest	Standby guest of the specified virtual machine
82.49	VM Suspend	Suspends the specified virtual machine
82.50	VM Take Snapshot	Takes a snapshot of the specified virtual machine
82.51	VM Tools Status	Verifies the specified virtual machines' tools status
82.52	VM Unmount Tools Installer	Unmounts tools installer for the selected virtual machine
82.53	VM Unregister	Unregisters the specified virtual machine
82.54	VM Upgrade Tools	Upgrades tools for the specified virtual machine
82.55	VM Upgrade Version	Upgrades version of the specified virtual machine

## ACTIVITY

## DESCRIPTION

## 83. Storage/DataCore

83.1	Connect To DataCore	Connects to the specified DataCore account and outputs a DataCore client connection
83.2	Add Client	Adds a client (host) to a server group configuration on a DataCore server
83.3	Add Logical Unit	Adds a mirror path for the specified logical disk on a server
83.4	Create vDisk	Creates a mirrored virtual disk
83.5	Disable Write Cache	Disables write caching for the specified server. When disabled, all write operations from client hosts will be written directly to the back-end storage and then acknowledged
83.6	Enable Write Cache	Enables write caching for the specified server. When enabled, all write operations from client hosts will be acknowledged and then written to the back-end storage
83.7	Get Cache Size	Returns the cache size that is set on a server
83.8	Get Client	Gets the data for a specific client from the specified DataCore account
83.9	Get Disk Pool	Gets the Disk Pool from a server for the specified DataCore account
83.10	Get Mirrors	Returns mirror data for mirrored virtual disks from the specified DataCore account
83.11	Get Non Shared Pools	Gets all the non-shared Disk Pools from a server for the specified DataCore account
83.12	Get Paths State	Gets the state of the paths from the specified logical disk
83.13	Get Physical Disk	Gets the data for the physical disk from the specified DataCore account
83.14	Get Port	Gets the port data for SCSI ports from the specified DataCore account
83.15	Get server	Gets the server for the specified DataCore account
83.16	Get Server State	Returns data for system monitors
83.17	Get Servers	Gets all the Servers for the specified DataCore account
83.18	Get Shared Pools	Gets all the shared disk pools from a server for the specified DataCore account
83.19	Get vDisk	Gets the vDisk from a disk pool for the specified DataCore account
83.20	Get vDisks Latency	Gets all the vDisks with the latencies for the specified DataCore account
83.21	List Disk Pools	Gets all the disk pools from a server for the specified DataCore account
83.22	List Logical Units	Gets all the mirror path information for the specified virtual disks
83.23	List Physical Disk	Gets all the existing physical disks from the specified DataCore account
83.24	List Ports	Gets all the ports for the specified DataCore account
83.25	List Servers	Gets all the servers from the specified DataCore account
83.26	List vDisks	Gets all the vDisks from a server for the specified DataCore account
83.27	Move Logical Disk	Moves a logical disk (storage source) used in a mirrored or dual virtual disk
83.28	Move vDisk	Moves a storage source (logical disk) used in a mirrored virtual disk with a storage source from another disk pool on the same server.
83.29	Register Host	Registers a port to a client
83.30	Remove Logical Units	Removes the mirror path for the specified logical disk on a server
83.31	Remove vDisk	Removes a virtual disk from the configuration
83.32	Serve vDisk	Serves a virtual disk to a client, host group, or server
83.33	Set Cache Size	Changes the cache size of a server. After changing the cache size, the server must be stopped and restarted for the changes to take effect
83.34	Set Client Properties	Sets the data for a specific client from the specified DataCore account
83.35	Set vDisk Properties	Sets the properties of a virtual disk
83.36	Start Server	Sets a server online
83.37	Stop Server	Sets a server offline
83.38	Unregister Host	Unregisters a port from a client
83.39	Unserve vDisk	Unserves virtual disks from a client host
83.40	Upload Support Bundle	Creates a support bundle and optionally transmits the support bundle to DataCore technical support
83.41	Disconnect From DataCore	Disconnects the specified DataCore account
83.42	List Virtual Disks	Gets all the virtual disks from a server
83.43	Start Distribution Plan	Creates and starts a distribution plan in order to perform the 'Evacuate DataCore Server' or 'Redistribute to DataCore Server' operations

## 84. Storage/HP/3PAR

84.1	3Par SSH Shutdown	Executes an 3Par SSH shutdown command
84.2	Connect to HP 3Par	Connects to a HP 3Par storage machine
84.3	HP 3Par disconnect	Disconnects from HP 3Par

## ACTIVITY

## DESCRIPTION

## 85. Storage/IBM SVC

85.1	Create Volume IBM SVC	Creates a new IBM SVC volume
85.2	Delete Volume IBM SVC	Delete volume from IBM SVC
85.3	Get IBM SVC volumes	Returns a list of IBM SVC volumes list
85.4	Connect To IBM SVC Server	Connects to the specified IBM SVC account and outputs a IBM SVC client connection
85.5	Disconnect From IBM SVC	Disconnects from IBM SVC server
85.6	Update Volume IBM SVC	Updates a IBM SVC volume

## 86. Storage/NetApp

86.1	Get Storage Info List	Returns a list of disk info
86.2	Get Volumes List	Returns a list of volumes
86.3	Connect To NetApp	Connects to the specified NetApp account and outputs a NetApp client connection
86.4	Disconnect from NetApp	Disconnects from NetApp account
86.5	Resize Volume	Resizes a specified volume
86.6	SSH Execute Script	Executes NetApp script via SSH
86.7	Execute Script	Executes NetApp script

## 87. Storage/NetApp/LUN

87.1	Create by size	Creates LUN by specific parameters
87.2	Delete	Deletes LUN
87.3	Get List	Returns a list of LUNs
87.4	Change Comments	Changes LUN comments
87.5	Change Space Allocation	Changes LUN space allocation
87.6	Change Space Reserve	Changes LUN space reserve
87.7	Resize	Resizes LUN

## 88. Storage/NetApp/Quota

88.1	Get Policies List	Returns a list of policies
88.2	Get Rules By Policy Name	Returns a list of rules information by policy name
88.3	Get Quotas List	Returns a list of Quotas
88.4	Create Policy Rule	Creates quota policy Rule
88.5	Delete Policy	Deletes a quota policy
88.6	Modify Policy Rule	Modifies quota policy Rule
88.7	Disable Volume	Turns off quotas for volumes
88.8	Enable Volume	Turns on quotas for volumes
88.9	Create Policy	Creates quota policy
88.10	Assign Server to Policy	Assigns a server to a specified policy
88.11	Resize	Resizes quotas for volumes



## 89. String Operations

89.1	Regex	Takes a String as an input and checks if its value matches a regex pattern and returns the result
89.2	Between String	Extracts a string between given inputs. Example: Initial string: "DemoText;Text1=1;DemoText2 " Extracts the value of Text1, between Text1= and;
89.3	CSV Parser	CSV Parser
89.4	CSV Search	Searches in a csv by column and unique row value
89.5	Create Random String	Creates a random string with various levels of complexity
89.6	Filter Regex	Takes a String as an input and checks if its value matches a regex pattern and returns the results in a collection / item
89.7	Compare	Compares String1 with String2 and returns 0 if they are the same, a negative value if String1 is lower than String2 and a positive value otherwise
89.8	Is Normalized	Checks if a given string is normalized
89.9	Length	Returns the length of the InputString parameter
89.10	Modifier	Performs a chosen operation on the InputString parameter
89.11	Remove	Removes a set amount of characters from an input string starting with a specified start position
89.12	Replace	Replaces all occurrences of OldText parameter in InputString parameter with NewText value
89.13	Search	Searches if a String occurs in another String and returns the position on which it is first encountered. If it is not found, the output will be -1
89.14	Starts With	Returns a Boolean value showing whether a string starts with a given string value
89.15	Substring	Takes the value of an input string and returns a substring from the given position. Example: Input String "c:\windows", Length "3", Starting Position "3", creates Result: "win"
89.16	Extract String	Extracts a string before or after the given sign. Example: Import value "c:\windows", Select text "After", Sign character: "\", creates output: "windows"
89.17	Ends With	Returns a Boolean value showing whether a string ends with a given string
89.18	Insert	Inserts a string into another string at the specified position

## 90. UNIX Server

90.1	Application Install	Installs an application by a specific path to Linux
90.2	Unix OS File Transfer	Transfers file between Unix machines
90.3	Check Folder Existence	Checks if a folder exists
90.4	Check Package Installed	Checks if a package is installed
90.5	File Transfer Linux	Transfers file to Linux O.S.
90.6	Get OS Metrics	Gets server information (version / distribution)
90.7	Get Server State	Gets server state
90.8	Server Add User	Adds a user to group
90.9	Server Add Group	Adds a group to Linux
90.10	Make Dir	Makes a directory to Linux
90.11	Run Bash Script	Creates a Linux bash script and run
90.12	Server Boot Operations	Executes server boot operations
90.13	Set Path CHMOD	Sets CHMOD for a specified path
90.14	Server Copy File	Copies a file to a new location
90.15	Server Links	Makes symbolic links between files. Create a link to target in the specified path
90.16	Server Move File	Moves a file to a new location
90.17	Server Set User Group Privileges	Adds user/group privileges for a specified path. It operates on files and directories recursively
90.18	Service Operations	Execute (version / distribution)
90.19	Unzip File	Unzips a file by a specific path to Linux
90.20	Web Get	Gets a web file for a specific path to Linux. In order to use this activity make sure you have installed web get tool
90.21	Linux Disconnect	Linux disconnect
90.22	Connect To Linux	SSH Linux connection
90.23	SSH Script Execution	Executes a SSH script

## ACTIVITY

## DESCRIPTION

## 91. UNIX Server/Ubuntu LTS

91.1	Application Install	Installs an application by a specific path to Linux
91.2	Check Package Installed	Checks if a package is installed
91.3	List Linux Services	Gets Linux services states
91.4	Package Management	Install a package file. Installation consists of the following steps: 1. Extract the control files of the new package. 2. If another version of the same package was installed before the new installation, execute preinst script of the old package. 3. Run preinst script, if provided by the package. 4. Unpack the new files, and at the same time back up the old files, so that if something goes wrong, they can be restored. 5. If another version of the same package was installed before the new installation, execute the postinst script of the old package. Note that this script is executed after the preinst script of the new package, because new files are written at the same time old files are removed.
91.5	Update Distribution	Updates Linux distribution

## 92. Veeam Backup

92.1	Hyper-V Backup	Creates a Hyper-V backup job
92.2	VMware Backup	Creates a VMware backup job
92.3	Export Backup	Exports a backup
92.4	Remove Backup	Removes a selected backup

## 93. Windows Installer

93.1	Run Installer	Runs MSI with specified parameters
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## 94. Windows Server

94.1	CMD	Runs a Windows CMD.exe command
94.2	Delete Scheduled Task	Deletes a scheduled task on Windows Task Scheduler
94.3	Schedule Daily Task	Creates a new daily scheduled task on Windows Task Scheduler. For example if all parameters are filled this will create a daily trigger to run every X minutes for a duration of Y hours
94.4	Schedule Hourly Task	Creates a new hourly scheduled task on Windows Task Scheduler. For example if all parameters are filled this will create a Hourly trigger to run
94.5	Schedule Monthly Task	Creates a new monthly scheduled task on Windows Task Scheduler. For example if all parameters are filled this will create a monthly trigger to run on X day of month for every Y minutes
94.6	Schedule Weekly Task	Creates a new weekly scheduled task on Windows Task Scheduler
94.7	Get Current User Info	Returns the Username (sAM account name) and Domain of the currently logged in user
94.8	Check For Updates	Checks for Windows Updates
94.9	Edit Windows Service	Edits a windows service locally or remote
94.10	Get MAC Address	Retrieves the MAC Address locally or remote
94.11	Install Missing Updates	Installs all the missing updates
94.12	List Windows Services	Lists windows services with their state and startup type
94.13	WMI Query	Executes a WMI query locally or remote
94.14	End Process	Terminates a process locally or remote
94.15	Run C# Expression	Runs a C# code and returns the compiled value
94.16	Run Program	Runs a program locally or remote
94.17	Server Boot Operations	Server boot operations locally or remote
94.18	Windows Service Tasks	Starts stops or restarts a windows service locally or remote

## 95. Windows Server/2012

95.1	Check For Updates 2012	Checks for Windows Updates 2012+
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## ACTIVITY

## DESCRIPTION

## 96. Windows Server/Event Log

96.1	Send Event Log Message	Creates an entry in the Windows event log within the selected folder
96.2	Get Event Logs	Gets a collection of Event Logs based on the parameters specified

## 97. Windows Server/Users and Groups

97.1	Add Local User To Local Group	Adds a local user to the local group
97.2	Create Local User	Creates a local user

## 98. Windows Server

98.1	Convert From Date Time To File Time	Converts the date time value to file time
98.2	Convert From File Time To Date Time	Converts the file time value to date time
98.3	Custom For Each Conditional	Cycles through elements of a collection until a condition is met
98.4	Custom While	Creates a new while statement
98.5	Custom If	Creates a new if statement
98.6	Delay	Creates a delay until the given date & time
98.7	Evaluate expression	Evaluates input expression
98.8	Get Cell Value	Retrieves a matrix cell value by row index and column index
98.9	Get Column Value	Retrieves an array of string and a CSV string by row index
98.10	Get Workflow Tracking Data	Retrieves the tracking data for the specified workflow using the FLOWSTER Rest API
98.11	Get Workflow Parameters	Gets the specified workflow's parameters using the FLOWSTER Rest API
98.12	Stop Flowster Workflow	Stops the specified workflow using the FLOWSTER Rest API
98.13	Start Snippet Workflow	Starts the specified snippet workflow
98.14	Storage Custom File	Chooses a custom file to be downloaded from storage
98.15	Wait For More Input	Waits for more user input
98.16	Write URL To Log	Writes URL to FLOWSTER Studio history log
98.17	Write Data To Storage	Writes data to a central storage file
98.18	Start Flowster Workflow	Starts the specified workflow using the FLOWSTER Rest API
98.19	Log Track Data	Writes the input value to the track data
98.20	Delay by Date	Creates a delay until the given date & time
98.21	Custom For Each	Cycles through elements of a collection
98.22	Selective Execution	
98.23	Write	Writes text to console without ending the line

## 99. XML

99.1	Add XML Node	Adds a xml node at a specified XPath in the xml source file
99.2	Create XML	Creates a blank xml string with a specified root element and heading. Optionally can be saved on disk
99.3	Edit XML Node Attributes	Description text for the given activity goes here
99.4	Edit XML Node Value	Edits the value of the node given by a certain XPath
99.5	Find XML Nodes	Returns a collection of nodes according to some given filters
99.6	Get Node Attributes	Outputs an object of type dictionary where key is the name of the input node's attribute and value is that attribute's value.
99.7	Get XML Node Value	Gets the text value of a given xml node
99.8	Import From XML	Imports data from a given xml file
99.9	Import XML	Imports data from a given xml file
99.10	Get Field From XML	Gets a field from xml