

## VMware Logon Monitor Metrics

VMware Logon Monitor logs a wide array of metrics related to logon, group policy, user profile, and performance. These metrics were selected to provide administrators a detailed view of end user systems during logon time so performance bottlenecks may be more easily root caused. Below is a list of the metrics computed.

### Metrics

- Logon Time
  - Start
  - End
  - Total Time
- Session start to logon start time
  - Total Time
- Profile sync time
  - Total Time
- Shell load
  - Start
  - End
  - Total Time
- Logon to hive load time
  - Total Time
- Windows Folder Redirection
  - Start
  - End
  - Total Time
- Group Policy Time
  - User group policy apply time
  - Machine group policy apply time
- Profile Metrics
  - Profile type
    - Local
    - Roaming
    - Temporary
  - Profile size
    - Number of files
    - Number of folders
    - Total megabytes
- Profile size distribution
  - Number of files between 0 and 1 MB
  - Number of files between 1MB and 10MB
  - Number of files between 10MB and 100MB

- Number of files between 100MB and 1GB
  - Number of files between 1GB and 10GB
  - Number of files greater than 10GB
- Processes started during logon
  - Name
  - Process id
  - Parent process id
  - Session id
- Group policy logon script time
  - Total Time
- Group policy power shell script time
  - Total Time
- Memory usage
  - Available Bytes
    - Min
    - Max
    - Avg
  - Committed Bytes
    - Min
    - Max
    - Avg
  - Paged Pool
    - Min
    - Max
    - Avg
  - Non-Paged Pool
    - Min
    - Max
    - Avg
- CPU Usage
  - Idle CPU
    - Min
    - Max
    - Avg
  - User CPU
    - Min
    - Max
    - Avg
  - Kernel CPU
    - Min
    - Max
    - Avg
- Are logon scripts synchronous?
- Network connection status
  - Dropped
  - Restored

- Group policy software installation time
  - Asynchronous: True/False
  - Error Code
  - Total Time
- Disk usage for profile volume
  - Disk Space Available to User
  - Free Disk Space
  - Total Disk Space
- Domain controller discovery time
  - Error Code
  - Total Time
- Estimated network bandwidth
  - Bandwidth
- Network connection details
  - Bandwidth
  - Slow Link Threshold
  - Slow Link Detected: True/False
- Various settings that can affect logon time
  - Computer\Administrative Templates\Logon\Always wait for network at computer startup and logon
  - Computer\Administrative Templates\Logon\Run these programs at user logon\*
  - Computer\Administrative Templates\User Profiles\Wait for roaming user profile
  - Computer\Administrative Templates\User Profiles\Set maximum wait time for network if a user has a roaming profile or remote home directory
  - Computer\Administrative Templates\Group Policy\Configure Logon Script Delay
  - User\Admin Templates\System\Logon\Run these programs at user logon
  - User\Admin Templates\System\User Profiles\Specify network directories to sync at logon, logoff time only
- Metrics from Horizon View Agent, Persona Management, and App Volumes.