

1E Explorer TachyonAgent product pack

Classic Product Pack used to create the **1E Explorer TachyonAgent** instruction set that can be used to configure and query Tachyon clients.

Please refer to:

- [Tachyon Explorer 5.2: Using Device Criticality](#) about instructions used to get and set **Criticality** devices
- [Using Location](#) about instructions used to get and set **Location** on devices
- [Tachyon Activity Record](#) about instructions used to configure 1E Client configuration settings for Tachyon Agent inventory
- [1E Client 5.2 - Reconfiguring 1E Client: Using Tachyon instructions to reconfigure the 1E Client.](#)

Instruction text (ReadablePayload)	Type	Description	Instruction file name	Version
What is the Tachyon Agent's connection summary?	Question	Retrieves connectivity diagnostic information from Tachyon Agents.	1E-Explorer-TachyonAgent-ConnectionDiagnostics	11
What is the Tachyon Agent diagnostic information detail?	Question	Get live diagnostic information from Tachyon Agents.	1E-Explorer-TachyonAgent-Diagnostics	11
What is the Tachyon Agent instruction execution summary?	Question	Retrieves instruction execution diagnostic information from Tachyon Agents.	1E-Explorer-TachyonAgent-ExecutionDiagnostics	11
Which devices are connected to which Tachyon Switches?	Question	Get Switch connection information for each device.	1E-Explorer-TachyonAgent-SwitchConnections	11
How many 1E Clients are installed?	Question	Returns a count of each version of 1E Client installed.	1E-Explorer-TachyonAgent-VersionCount	11
Disable 1E Client process usage inventory collection	Action	Disables process usage inventory collection. This only affects Windows devices, and will take up to the 1E Client configuration setting 'ConnectionRetryTimeInSecondsMax' to take effect. Please refer to Tachyon Activity Record . New in version 4.1.	1E-Explorer-TachyonAgent-DisableProcessUsage	4
Echo message <msg>	Question	Send an echo request to devices	1E-Explorer-TachyonAgent-Echo	11

Enable 1E Client process usage inventory collection	Action	Enables process usage inventory collection. This only affects Windows devices, and will take up to the 1E Client configuration setting 'ConnectionRetryTimeInSecondsMax' to take effect. Please refer to Tachyon Activity Record .	1E-Explorer-TachyonAgent-EnableProcessUsage	4
What are the modules and providers reported by the 1E Client Extensibility Update?	Question	Get a list of modules and providers registered with each 1E Client.	1E-Explorer-TachyonAgent-Extensibility	11
What are the 1E Client settings?	Question	Returns values of settings configured on the 1E Client. This instruction makes use of a PowerShell script and will only work on Windows devices. Uses getConfig.ps1 script to get the following subset of configuration settings for the Tachyon client: <ul style="list-style-type: none">• AuthenticationPolicy• BackgroundChannelUrl• ConnectionKeepaliveTimeInSecondsMax• ConnectionKeepaliveTimeInSecondsMin• ConnectionRetryTimeInSecondsMax• ConnectionRetryTimeInSecondsMin• ConnectionTimeout• CRLChecks• CRLTimeoutInSeconds• DefaultStaggerRangeSeconds• EnablePayloadCompression• LoggingLevel• NomadContentDownloadEnabled• NomadContentDownloadTimeoutSecs• Switch• WorkerThreads Please refer to Tachyon client settings .	1E-Explorer-TachyonAgent-GetAgentConfigValues	14
What 1E Client Windows settings are configured for historical data collection for the <source> capture source?	Question	Return the 1E Client configuration settings for Tachyon Agent inventory. The 1E Client configuration settings are read to determine if a supplied inventory source is enabled or disabled. Allowable inventory sources are DNS, Process, Software and TCP. Response speed will be affected by the 1E Client setting 'DefaultStaggerRangeSeconds'. Windows devices only. Uses getInventoryConfig.ps1 script. Please refer to .Tachyon Activity Record .	1E-Explorer-TachyonAgent-GetAgentHistoricDataCaptureConfig	15
What is the criticality of my devices?	Question	Retrieves the criticality of a device.	1E-Explorer-TachyonAgent-GetCriticality	4
Get the location of my devices	Question	Gets the location of a device. This instruction retrieves the device static location information.	1E-Explorer-TachyonAgent-GetLocation	4
What are the statistics for previously executed instructions?	Question	Returns statistics for previously executed instructions.	1E-Explorer-TachyonAgent-InstructionStatistics	11
Trigger client reinstallation for targeted devices using <ClientVersion> supplying switch name of <switch> and a background channel url of <backgroundchannelurl>	Action	Triggers 1E Client uninstallation followed by an installation via scheduled task for targeted devices. Will use the existing switch and port information (3.0 and above). Only supported on Windows. Uses installers uploaded to the 1E Client installer page within Configuration under the Settings app. Uses TachyonAgentReinstallation.ps1 script.	1E-Explorer-TachyonAgent-ReinstallationOfAgent	27

<p>Set a 1E Client configuration property <agentconfig> to <agentconfigvalue> for the Tachyon Agent</p>	Action	<p>Set a 1E Client configuration property for the Tachyon Agent. Please note this can and will replace anything found, and can cause the Agent to stop responding. This instruction is for Windows devices only.</p> <p>Uses setConfig.ps1 script to set the same subset of configuration settings for the Tachyon client as the 1E-Explorer-TachyonAgent-GetAgentConfigValues instruction above.</p>	1E-Explorer-TachyonAgent-SetAgentConfigValue	14
<p>Set the criticality of my devices to <criticality></p>	Action	Sets the criticality of a device.	1E-Explorer-TachyonAgent-SetCriticality	4
<p>Set the location of my devices to <location></p>	Action	Sets the location of a device. This instructions set the device static location information.	1E-Explorer-TachyonAgent-SetLocation	4
<p>Check for 1E Client updates and apply them</p>	Action	<p>Instructs the 1E Client to check for extensibility updates and apply them.</p> <p>Supports Windows, Linux, Solaris and Android.</p>	1E-Explorer-TachyonAgent-UpdateExtensibility	11
<p>Trigger 1E Client upgrade to <ClientVersion> for targeted devices</p>	Action	<p>Triggers 1E Client upgrade via scheduled task for targeted devices. Will use the existing switch and port information (3.1 and above). Only supported on windows 7 and above. Uses installers that are uploaded to the 1E Client installer page within Configuration under the Settings app. Note the build numbers must match between the instruction parameters and the version specified in the 1E Client installer page.</p> <p>Uses TachyonAgentUpgrade.ps1 script.</p>	1E-Explorer-TachyonAgent-UpgradeAgent	29