

Deployit Remoting Plugin Manual

Version 3.7.0-IF

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Preface

This document describes the functionality provided by the Overthere plugin.

See the **Deployit Reference Manual** for background information on Deployit and deployment concepts.

Overview

The Overthere plugin is a Deployit plugin that allows usage of the **Overthere** framework from within Deployit. Overthere is a Java library to manipulate files and execute processes on remote hosts, i.e. do stuff "over there". See the [Overthere repository](#) for more information.

Features

- Define remote host CIs to use as deployment targets.

Requirements

- **Deployit requirements**
 - **Deployit:** version 3.5+
 - **Other Deployit Plugins:** None

CI Reference

Configuration Item Overview

Topology Configuration Items

CI	Description
overthere.CifsHost	A machine that can be connected to using either WinRM or Telnet and can perform file manipulation via the CIFS protocol
overthere.Jumpstation	Description unavailable
overthere.LocalHost	The machine on which the Deployit Server is running on
overthere.SshHost	A machine that can be connected to using ssh

Virtual Topology Configuration Items

CI	Description
overthere.Host	A machine that runs middleware, on which scripts can be executed, etc
overthere.HostContainer	

Configuration Item Details

[overthere.CifsHost](#)

Hierarchy [overthere.Host](#) >> udm.BaseContainer >> udm.BaseConfigurationItem

Interfaces udm.Taggable, udm.ConfigurationItem, udm.Container, [overthere.HostContainer](#)

A machine that can be connected to using either WinRM or Telnet and can perform file manipulation via the CIFS protocol.

Public Properties

address : *STRING*

Address of the host

connectionType : *ENUM [TELNET, WINRM_HTTP, WINRM_HTTPS] = TELNET*

Connection Type

os : *ENUM [WINDOWS, UNIX]*

Operating system

password : *STRING*

Password to use for authentication

username : *STRING*

Username to connect with

cifsPort : *INTEGER = 445*

Port on which the CIFS server runs

jumpstation : *CI<overthere.Jumpstation>*

Jumpstation

port : *INTEGER*

Port on which the Telnet or WinRM server runs

tags : *SET_OF_STRING*

The tags to map deployables to containers.

temporaryDirectoryPath : *STRING*

Directory into which temporary files are stored. Will be cleaned up when the connection is closed.

Hidden Properties**connectionTimeoutMillis** : *INTEGER = 1200000*

Connection Timeout Millis

protocol : *STRING = cifs*

Protocol

tmpFileCreationRetries : *INTEGER = 1000*

Tmp File Creation Retries

winrmContext : *STRING = /wsman*

Winrm Context

winrmEnvelopSize : *INTEGER = 153600*

Winrm Envelop Size

winrmLocale : *STRING = en-US*

Winrm Locale

winrmTimeout : *STRING = PT60.000S*

Winrm Timeout

tmpDeleteOnDisconnect : *BOOLEAN = true*

Whether to delete the temporary connection directory when the connection is closed

Control Tasks**checkConnection**

Check connection

overthere.Host**Hierarchy** udm.BaseContainer >> udm.BaseConfigurationItem**Interfaces** udm.Taggable, udm.ConfigurationItem, udm.Container, [overthere.HostContainer](#)

A machine that runs middleware, on which scripts can be executed, etc.

Public Properties**os** : *ENUM [WINDOWS, UNIX]*

Operating system

jumpstation : *CI<overthere.Jumpstation>*

Jumpstation

tags : *SET_OF_STRING*

The tags to map deployables to containers.

temporaryDirectoryPath : *STRING*

Directory into which temporary files are stored. Will be cleaned up when the connection is closed.

Hidden Properties

connectionTimeoutMillis : **INTEGER** = *1200000*

Connection Timeout Millis

protocol : **STRING**

Protocol to use when connecting to this host

tmpFileCreationRetries : **INTEGER** = *1000*

Tmp File Creation Retries

tmpDeleteOnDisconnect : **BOOLEAN** = *true*

Whether to delete the temporary connection directory when the connection is closed

Control Tasks

checkConnection

Check connection

overthere.HostContainer

null

overthere.Jumpstation

Hierarchy [overthere.Host](#) >> udm.BaseContainer >> udm.BaseConfigurationItem

Interfaces udm.Taggable, udm.ConfigurationItem, udm.Container, [overthere.HostContainer](#)

Description unavailable

Public Properties

address : *STRING*

Address of the host

os : *ENUM [WINDOWS, UNIX]*

Operating system

port : *INTEGER = 22*

Port on which the SSH server runs

username : *STRING*

Username to connect with

jumpstation : *CI<overthere.Jumpstation>*

Jumpstation

passphrase : *STRING*

Optional passphrase for the private key in the private key file

password : *STRING*

Password to use for authentication

privateKeyFile : *STRING*

Private key file to use for authentication

tags : *SET_OF_STRING*

The tags to map deployables to containers.

temporaryDirectoryPath : *STRING*

Directory into which temporary files are stored. Will be cleaned up when the connection is closed.

Hidden Properties

connectionTimeoutMillis : *INTEGER = 1200000*

Connection Timeout Millis

connectionType : *ENUM [SFTP, SFTP_CYGWIN, SFTP_WINSSHD, SCP, SUDO, INTERACTIVE_SUDO, TUNNEL] = TUNNEL*

Connection Type

interactiveKeyboardAuthRegex : *STRING = .*Password:[]?*

Regular expression to look for in keyboard-interactive authentication before sending the password

protocol : *STRING = ssh*

Protocol to use when connecting to this host

tmpFileCreationRetries : *INTEGER = 1000*

Tmp File Creation Retries

tmpDeleteOnDisconnect : *BOOLEAN = true*

Whether to delete the temporary connection directory when the connection is closed

Control Tasks**checkConnection**

Check connection

overthere.LocalHost**Hierarchy** [overthere.Host](#) >> udm.BaseContainer >> udm.BaseConfigurationItem**Interfaces** udm.Taggable, udm.ConfigurationItem, udm.Container, [overthere.HostContainer](#)

The machine on which the Deployit Server is running on.

Public Properties**os** : ENUM [WINDOWS, UNIX]

Operating system

jumpstation : CI<[overthere.Jumpstation](#)>

Jumpstation

tags : SET_OF_STRING

The tags to map deployables to containers.

temporaryDirectoryPath : STRING

Directory into which temporary files are stored. Will be cleaned up when the connection is closed.

Hidden Properties**connectionTimeoutMillis** : INTEGER = 1200000

Connection Timeout Millis

protocol : STRING = local

Protocol

tmpFileCreationRetries : INTEGER = 1000

Tmp File Creation Retries

tmpDeleteOnDisconnect : BOOLEAN = true

Whether to delete the temporary connection directory when the connection is closed

Control Tasks**checkConnection**

Check connection

overthere.SshHost**Hierarchy** [overthere.Host](#) >> udm.BaseContainer >> udm.BaseConfigurationItem**Interfaces** udm.Taggable, udm.ConfigurationItem, udm.Container, [overthere.HostContainer](#)

A machine that can be connected to using ssh.

Public Properties

address : `STRING`

Address of the host

connectionType : `ENUM [SFTP, SFTP_CYGWIN, SFTP_WINSSHD, SCP, SUDO, INTERACTIVE_SUDO, TUNNEL] = SFTP`

Type of SSH connection to create

os : `ENUM [WINDOWS, UNIX]`

Operating system

port : `INTEGER = 22`

Port on which the SSH server runs

username : `STRING`

Username to connect with

jumpstation : `CI<overthere.Jumpstation>`

Jumpstation

passphrase : `STRING`

Optional passphrase for the private key in the private key file

password : `STRING`

Password to use for authentication

privateKeyFile : `STRING`

Private key file to use for authentication

sudoUsername : `STRING`

Username to sudo to when accessing files or executing commands

tags : `SET_OF_STRING`

The tags to map deployables to containers.

temporaryDirectoryPath : `STRING`

Directory into which temporary files are stored. Will be cleaned up when the connection is closed.

Hidden Properties

connectionTimeoutMillis : *INTEGER* = *1200000*

Connection Timeout Millis

interactiveKeyboardAuthRegex : *STRING* = *.*Password:[]?*

Regular expression to look for in keyboard-interactive authentication before sending the password

protocol : *STRING* = *ssh*

Protocol

sudoCommandPrefix : *STRING* = *sudo -u {0}*

Sudo command to prefix to the original command. The placeholder {0} is replaced with the sudoUsername

sudoPasswordPromptRegex : *STRING* = *.*[Pp]assword.*:*

Regular expression to look for in interactive sudo before sending the password

tmpFileCreationRetries : *INTEGER* = *1000*

Tmp File Creation Retries

allocateDefaultPty : *BOOLEAN* = *false*

If true, a default pty is allocated when executing a command. All sudo implementations require it for interactive sudo, some even require it for normal sudo. Some SSH server implementations (notably the one on AIX 5.3) crash when it is allocated.

sudoOverrideUmask : *BOOLEAN* = *false*

If true, permissions are explicitly changed with `chmod -R go+rX` after uploading a file or directory with scp.

sudoQuoteCommand : *BOOLEAN* = *false*

If true, the original command is quoted when it is prefixed with sudoCommandPrefix

tmpDeleteOnDisconnect : *BOOLEAN* = *true*

Whether to delete the temporary connection directory when the connection is closed

Control Tasks

checkConnection

Check connection