



CTX-IP-Tools Deployment Plan

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Versions

Document Revisions

The following revisions have been made to this document

Date	Revision	Notes
29/10/2018	0.1	First Draft

Module Versions

This version of the CTX-IP-Tools deployment plan is relevant up to version 1.0 of the CTX-IP-Tools module.

Preface

About this Manual

This document provides a guide on how to deploy the CTX-IP-Tools module in your Cortex system.

Audience

This document is intended for those who require the use of CTX-IP-Tools module.

Related Material

Document
CTX-IP-Tools – User Guide
CTX-IP-Tools.studiopkg

Abbreviations used in this Document

OCI Orchestration Communication Interface

1 Requirements

This document details all the steps required to deploy the CTX-IP-Tools module.

Requirements:

- Remote Desktop Access to the Cortex Server
- Cortex v6.3 installed on the Cortex Server
- PowerShell V5 installed on the Cortex Server
- Cortex PowerShell OCI installed on the Cortex Server

2 Import CTX-IP-Tools

To deploy the CTX-IP-Tools module on your Cortex system, the CTX-IP-Tools Studio Package needs to be imported on your Cortex system. To do this:

- Download the CTX-IP-Tools Studio Package
- Import the Studio Package in Cortex Gateway
- Ensure the relevant users have the required permissions in 'Studio Authorisation'

After this, all users in the authorised groups will be able to view and execute the subtasks.

3 Install PowerShell Modules

3.1 Overview

For the CTX-IP-Tools module to work, a requirement is that PowerShell version 5 is installed on the Cortex Server. This can be checked by opening PowerShell and running the following command:

```
$PSVersionTable.PSVersion
```

A similar output should be displayed as below:

```
PS C:\WINDOWS\system32> $PSVersionTable.PSVersion

Major Minor Build Revision
-----
5      1      16299  64
```

If the major version is not 5 or greater, then PowerShell needs to be updated. If the major version is 5 or greater, skip to section 3.3.

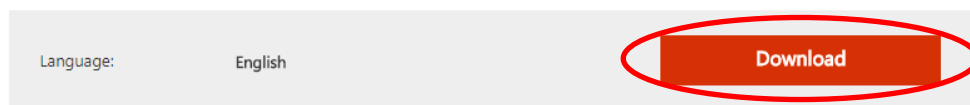
3.2 Updating PowerShell to v5

- On the Cortex server where PowerShell version 5 will be installed, navigate to the following link:

[https://www.microsoft.com/en-us/download/details.aspx?id=50395&tduid=\(162666df8fd7d1ab0239724a9bec1eca\)\(266696\)\(1503186\)\(61836X1384699Xf82af593098584c381b4505006d7472d\)\(\)](https://www.microsoft.com/en-us/download/details.aspx?id=50395&tduid=(162666df8fd7d1ab0239724a9bec1eca)(266696)(1503186)(61836X1384699Xf82af593098584c381b4505006d7472d)())

- Click the 'Download' button

Windows Management Framework 5.0



Windows Management Framework 5.0 includes updates to Windows PowerShell, Windows PowerShell Desired State Configuration (DSC), Windows Remote Management (WinRM), Windows Management Instrumentation (WMI). Release notes: <http://go.microsoft.com/fwlink/?LinkID=717903>

- Select the version required for the server where PowerShell is being installed

Choose the download you want

<input type="checkbox"/> File Name	Size
<input type="checkbox"/> W2K12-KB3134759-x64.msu	20.5 MB
<input type="checkbox"/> Win7AndW2K8R2-KB3134760-x64.msu	20.8 MB
<input type="checkbox"/> Win7-KB3134760-x86.msu	16.2 MB
<input type="checkbox"/> Win8.1AndW2K12R2-KB3134758-x64.msu	18.8 MB
<input type="checkbox"/> Win8.1-KB3134758-x86.msu	14.4 MB

- Click 'Next'

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1. W2K12-KB3134759-x64.msu

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Next

- Select a location to download the file
- Navigate to the following link and follow the relevant instructions:
<https://docs.microsoft.com/en-us/powershell/wmf/5.0/requirements>