

VIRTUALIZED TECHILA ENVIRONMENT QUICK REFERENCE

1. Introduction

This document is a quick reference guide on setting up a Techila Distributed Computing Engine (TDCE) environment using a virtualized Techila Server (a.k.a. Techila Virtual Server) and getting started with using TDCE.

If you are unfamiliar with the terminology or theory on how the TDCE system functions, please refer to the “Introduction to Techila Distributed Computing Engine” document for more information. This document can be downloaded from Techila Technologies website.

Documents referred to in this guide can be downloaded from Techila Extranet located at:

www.techilatechnologies.com/extranet

2. Setting up the Techila Virtual Server

2.1. Download Techila Virtual Server Installation Components

Download "Techila Virtual Server software image" from:

- Techila Extranet > Administrator Downloads

Download “Techila Virtual Server Installation Guide VMware” from:

- Techila Extranet > Administrator Documents

2.2. Obtain Techila License File

Techila Virtual Server requires a valid Techila License for product activation. Please make sure you have a Techila License available before proceeding. Techila License required on activation can be obtained from Techila Technologies. If you have not received a Techila License, please contact Techila Technologies at info@techilatechnologies.com.

3. Install the Techila Virtual Server

Install Techila Virtual Server following the steps described in:

- Document “Techila Virtual Server Installation Guide VMware” Chapters 3-4

3.1. Activate the Techila Virtual Server

Transfer and approve the Techila License on your Techila Virtual Server as described in:

- Document “Techila Virtual Server Installation Guide VMware” Chapter 5

4. Setting up Techila Workers

4.1. Download the Techila Worker Installation Packages

Download Techila Worker software installation packages for the platforms you wish to include in your Techila Distributed Computing Engine (TDCE) environment.

Techila Worker software installation packages can be downloaded from:

- Techila Extranet > Administrator Downloads

Download Techila Worker Installation Guides for the platforms you wish to include in your TDCE environment.

Techila Worker Installation Guides can be downloaded from:

- Techila Extranet > Administrator Documents

4.2. Add Techila Workers

Install Techila Worker software on the resources you wish to include in your TDCE environment following the steps described in the following documents:

- Document “Techila Distributed Computing Engine Administration Guide” Chapter 4.3.
- Platform-specific “Techila Worker Installation Guide” documents

5. Test the Techila Distributed Computing Engine Environment

5.1. Create a Test End-User

Now, your Techila Distributed Computing Engine (TDCE) environment is functionally complete. Before proceeding, it is good to verify the functionality of the Techila system using a test user account.

Add a new Techila End-User by following steps described in:

- Document "Techila Virtual Server Installation Guide VMware" Chapter 7.

5.2. Install and Test the Techila Software Development Kit (SDK)

Install and test the Techila SDK on e.g. your computer as described in:

- Document "Techila Virtual Server Installation Guide VMware" Chapter 8.

6. Create End-Users

Now, your Techila Distributed Computing Engine (TDCE) environment is ready for more End-Users.

Add more End-Users to your TDCE environment following steps described in:

- "Techila Virtual Server Installation Guide VMware" Chapter 7.

If you wish to add End-Users using the administrator command line interface, please see document "Techila Distributed Computing Engine Administration Guide" Chapter 4.1.2 for more information.

7. Complete the Environment for Project Use

Before your End-Users start using the Techila Distributed Computing Engine (TDCE) environment in their Projects, the Techila Server needs to be furnished with necessary Runtime Bundles. Furnishing the Techila Server with Runtime Bundles is described in:

- Techila Distributed Computing Engine Bundle Guide (available in the Techila Extranet)

8. Questions and Troubleshooting

If any of the Techila Extranet sub-pages referred to in this document are not visible for your Techila Extranet account, please contact Techila Technologies at info@techilatechnologies.com.

If you have any challenges or problems on setting up a Techila Distributed Computing Engine environment using the Techila Virtual Server, please do not hesitate to contact Techila Technologies at info@techilatechnologies.com.