**Manual Installation of CentOS on VirtualBox VM**

1. **Description**

This document details the manual steps required to install CentOS on a VirtualBox using the anaconda GUI installation tool. The steps are divided into the following three sections reflecting the three main stages involved in installation:

* Enter Server Configuration Details
* Start Installation
* Complete Installation

In ‘Enter Server Configuration Details’ the essential configuration details required for installation are entered.

In ‘Start Installation’ the user confirms that they wish to proceed with the installation using the configuration details previously entered. The root password and additional user details are also entered here whilst software installation is on-going. At the end of this stage the system is rebooted.

In ‘Complete Installation’ the user accepts the CentOS licence conditions following the successfully installation and configuration of the software.

Appendix A lists all user input as separate scripts for each installation section. This may be easier to follow when familiar with the installation process.

1. **Enter Server Configuration Details**

Select ‘English (United Kingdom)’

Click ‘[Continue]’

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Click ‘SOFTWARE SELECTION’

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Tick ‘Server with GUI’

Click ‘[Done]’

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Click ‘INSTALLATION DESTINATION’

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Select ‘VBOX HARDDISK sda…’

Tick ‘I will configure partitioning’

Click ‘[Done]’

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Select ‘Standard Partition’

Click ‘[+]’

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Mount Point ‘/’

Desired Capacity ‘10GB’

Click ‘[Add mount point]’

Click ‘[+]’

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Mount Point ‘/boot’

Desired Capacity ‘512MB’

Click ‘[Add mount point]’

Click ‘[+]’

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Mount Point ‘swap’

Desired Capacity ‘1GB’

Click ‘[Add mount point]’

Click ‘[Done]’

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Click ‘Accept Changes’

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Click ‘NETWORK & HOSTNAME’

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Select ‘ON’

Click ‘[Done]’

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1. **Start Installation**

Click ‘[Begin Installation]’

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Click ‘ROOT PASSWORD’

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Root Password ‘password’

Confirm ‘password’

Click ‘[Done]’

Click ‘[Done]’

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Click ‘USER CREATION’

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Full name ‘user’

User name ‘user’

Password ‘password’

Confirm password ‘password’

Click ‘[Done]’

Click ‘[Done]’

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Click ‘[Reboot]’ When installation complete.

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1. **Complete Installation**

Click ‘LICENCE INFORMATION’

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Tick ‘I accept licence agreement’

Click ‘[Done]’

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Click ‘[FINISH CONFIGURATION]’

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**APPENDIX A**

**Enter Server Configuration Details**

Select ‘English (United Kingdom)’

Click ‘[Continue]’

Click ‘SOFTWARE SELECTION’

Tick ‘Server with GUI’

Click ‘[Done]’

Click ‘INSTALLATION DESTINATION’

Select ‘VBOX HARDDISK sda…’

Tick ‘I will configure partitioning’

Click ‘[Done]’

Select ‘Standard Partition’

Click ‘[+]’

Mount Point ‘/’

Desired Capacity ‘10GB’

Click ‘[Add mount point]’

Click ‘[+]’

Mount Point ‘/boot'

Desired Capacity ‘512MB’

Click ‘[Add mount point]’

Click ‘[+]’

Mount Point ‘/swap’

Desired Capacity ‘1GB’

Click ‘[Add mount point]’

Click ‘[Done]’

Click ‘Accept Changes’

Click ‘NETWORK & HOSTNAME’

Select ‘ON’

Click ‘[Done]’

**Start Installation**

Click ‘[Begin Installation]’

Click ‘ROOT PASSWORD’

Root Password ‘password’

Confirm ‘password’

Click ‘[Done]’

Click ‘[Done]’

Click ‘USER CREATION’

Full name ‘user’

User name ‘user’

Password ‘password’

Confirm password ‘password’

Click ‘[Done]’

Click ‘[Done]’

Click ‘[Reboot]’ !!! When installation complete.

**Complete Installation**

Click ‘LICENCE INFORMATION’

Tick ‘I accept licence agreement’

Click ‘[Done]’

Click ‘[FINISH CONFIGURATION]’