Converted Document

Converted from: Linux/0. Set up of LAN Segments.md

Note: This is a basic conversion. For full formatting, use specialized tools.

1. Set up of LAN Segments

Introduction

\_\_Objective\_\_

At the end of this guide, you will learn how to configure network interfaces\.

\_\_Login\_\_

The login credential for all server and client machines:

Username: root / user

Password: Skill39@Lyon

\_\_Network Topology\_\_

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| This will be the network topology that will be referenced for setting up the infrastructure\. |

| ![Image 1](0. Set up of LAN Segments\_images/0. Set up of LAN Segments\_image\_01.png) |

Create 3 LAN Segments:

1. INT

2. DMZ

3. WAN

VMs

LAN Segments

fw\.worldskills\.org

WAN

INT

DMZ

int\-srv01\.int\.worldskills\.org

INT

mail\.dmz\.worldskills\.org

DMZ

ha\-prx01\.dmz\.worldskills\.org

DMZ

ha\-prx02\.dmz\.worldskills\.org

DMZ

web01\.dmz\.worldskills\.org

DMZ

web02\.dmz\.worldskills\.org

DMZ

jamie\-ws01\.ext\.worldskills\.org

WAN

vim /etc/network/interfaces

| Content |

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| fw\.worldskills\.org |

| ![Image 2](0. Set up of LAN Segments\_images/0. Set up of LAN Segments\_image\_02.png) |

| Content |

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| int\-srv01\.int\.worldskills\.org |

| ![Image 3](0. Set up of LAN Segments\_images/0. Set up of LAN Segments\_image\_03.png) |

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| ha\-prx01\.dmz\.worldskills\.org |

| ![Image 4](0. Set up of LAN Segments\_images/0. Set up of LAN Segments\_image\_04.png) |

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| ha\-prx02\.dmz\.worldskills\.org |

| ![Image 5](0. Set up of LAN Segments\_images/0. Set up of LAN Segments\_image\_05.png) |

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| mail\.dmz\.worldskills\.org |

| ![Image 6](0. Set up of LAN Segments\_images/0. Set up of LAN Segments\_image\_06.png) |

| Content |

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| web01\.dmz\.worldskills\.org |

| ![Image 7](0. Set up of LAN Segments\_images/0. Set up of LAN Segments\_image\_07.png) |

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| web02\.dmz\.worldskills\.org |

| ![Image 8](0. Set up of LAN Segments\_images/0. Set up of LAN Segments\_image\_08.png) |

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| jamie\-ws01\.ext\.worldskills\.org |

| ![Image 9](0. Set up of LAN Segments\_images/0. Set up of LAN Segments\_image\_09.png) |