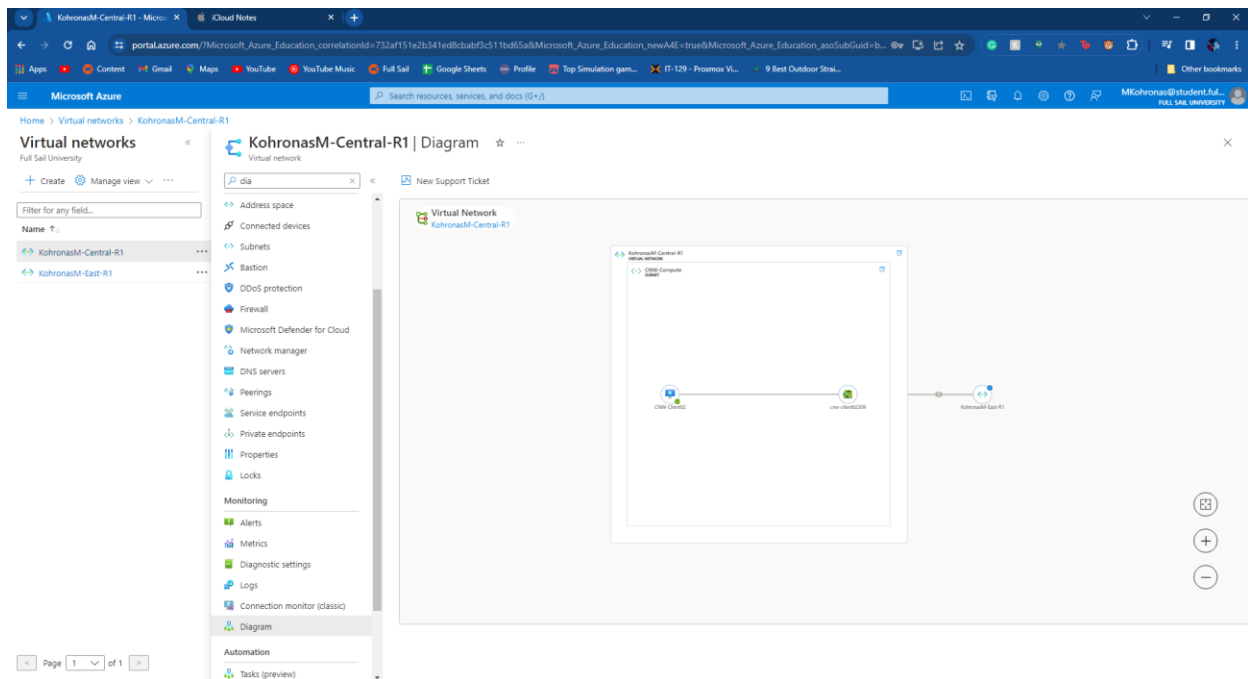
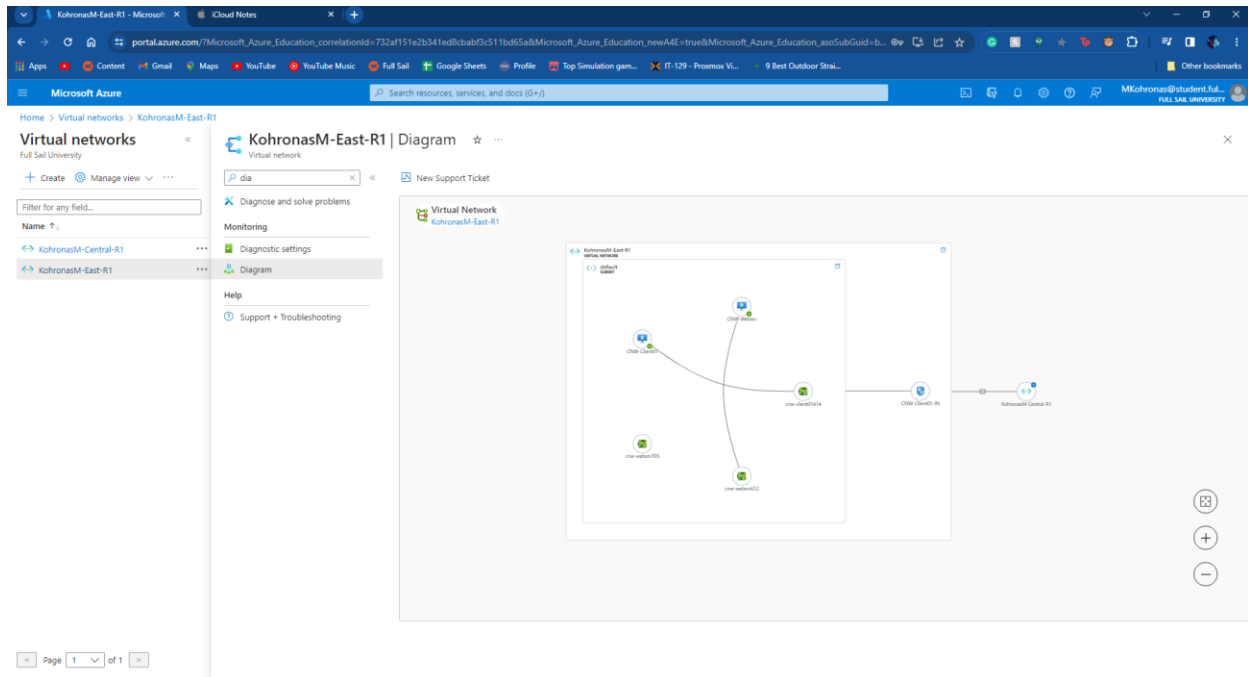


Michael Kohronas

Student #: #0005011218

CNW-2511

Virtual Diagrams



Virtual Machine Overviews

This screenshot displays the Microsoft Azure portal interface for the virtual machine **CNW-Client01**. The left-hand navigation pane shows the 'Virtual machines' section with a list of VMs: CNW-Client01, CNW-Client02, and CNW-Webvrv. The main content area is divided into several sections:

- Essentials:** Provides key information about the VM, including its resource group (KohronasM-092022), status (Running), location (East US), subscription (Azure for Students), and subscription ID (be18cd17-8765-4c31-a204-644510bb19b5).
- Properties:** A detailed table of VM specifications:

Property	Value
Computer name	CNW-Client01
Operating system	Windows (Windows 10 Pro)
Image publisher	Microsoft/WindowsDesktop
Image offer	Windows-10
Image plan	win10-22h2-pro-g2
VM generation	V2
VM architecture	x64
Agent status	Ready
Agent version	2.741491.1095
Host group	None
Host	-
Proximity placement group	-
Colocation status	N/A
Capacity reservation group	-
Disk controller type	SCSI
- Networking:** Details the network configuration, including the public IP address (20.246.186.230), private IP address (10.0.0.200), and the virtual network/subnet (KohronasM-East-R1/default).
- Size:** Shows the VM size as Standard D2s v3, with 2 vCPUs and 8 GiB of RAM.
- Disk:** Lists the OS disk as CNW-Client01_disk1, which is encrypted at the host level.

This screenshot displays the Microsoft Azure portal interface for the virtual machine **CNW-Client02**. The layout is similar to the first screenshot, showing the VM's overview page. The left-hand navigation pane lists the VMs: CNW-Client01, CNW-Client02, and CNW-Webvrv. The main content area includes:

- Essentials:** Key information for CNW-Client02, including its resource group (KOH-BCHN45M-092022), status (Running), location (South Central US), subscription (Azure for Students), and subscription ID (be18cd17-8765-4c31-a204-644510bb19b5).
- Properties:** A table of VM specifications:

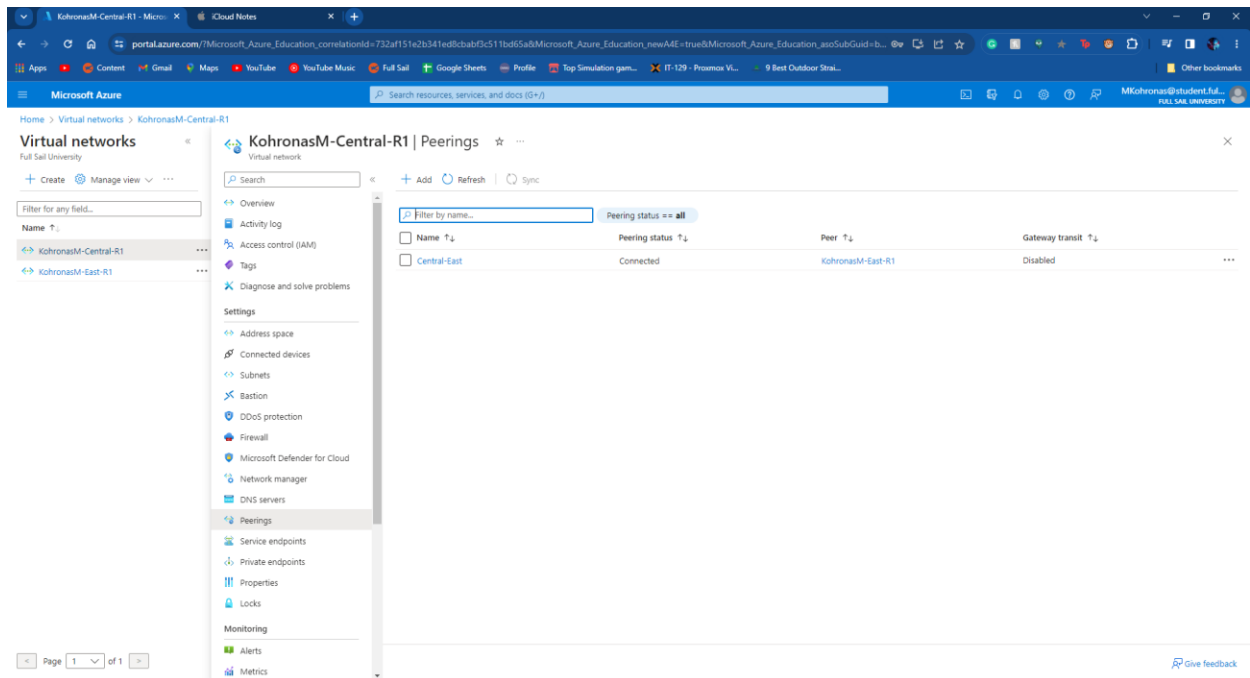
Property	Value
Computer name	CNW-Client02
Operating system	Windows (Windows 10 Pro)
Image publisher	Microsoft/WindowsDesktop
Image offer	Windows-10
Image plan	win10-22h2-pro-g2
VM generation	V2
VM architecture	x64
Agent status	Ready
Agent version	2.741491.1095
Host group	None
Host	-
Proximity placement group	-
Colocation status	N/A
Capacity reservation group	-
Disk controller type	SCSI
- Networking:** Details the network configuration, including the public IP address (10.0.1.200), private IP address (10.0.1.200), and the virtual network/subnet (KohronasM-Central-R1/CNW-Compute).
- Size:** Shows the VM size as Standard D2s v3, with 2 vCPUs and 8 GiB of RAM.
- Disk:** Lists the OS disk as CNW-Client02_OsDisk_1, which is encrypted at the host level.

The screenshot displays the Microsoft Azure portal interface for a virtual machine named "CNW-Websrv". The left sidebar shows the "Virtual machines" section with a list of VMs: CNW-Client01, CNW-Client02, and CNW-Websrv. The main pane shows the "Overview" tab for the selected VM. The "Essentials" section provides key information: Resource group (KOH-HQ-ASIA-09-2023), Status (Running), Location (East US), Subscription (Azure for Students), and Subscription ID (be18d017-8765-4c31-a204-644310bb19b5). The "Properties" section lists details such as Computer name (CNW-Websrv), Operating system (Windows (Windows Server 2019 Datacenter)), Image publisher (MicrosoftWindowsServer), Image offer (WindowsServer), Image plan (2019-datacenter-gensecond), VM generation (V2), VM architecture (x64), Agent status (Ready), Agent version (2.7.41491.1095), Host group (None), Host (-), Proximity placement group (-), Colocation status (N/A), Capacity reservation group (-), and Disk controller type (SCSI). The "Networking" section shows the Public IP address (-), Private IP address (10.0.0.100), and Virtual network/subnet (KohronasM-East-R1/default). The "Size" section indicates the VM size is Standard D2s v3 with 2 vCPUs and 8 GiB RAM. The "Disk" section shows the OS disk is CNW-Websrv_disk1_85e935ec5ef448b582c1c615e102d9a, with encryption at host disabled and disk encryption not enabled.

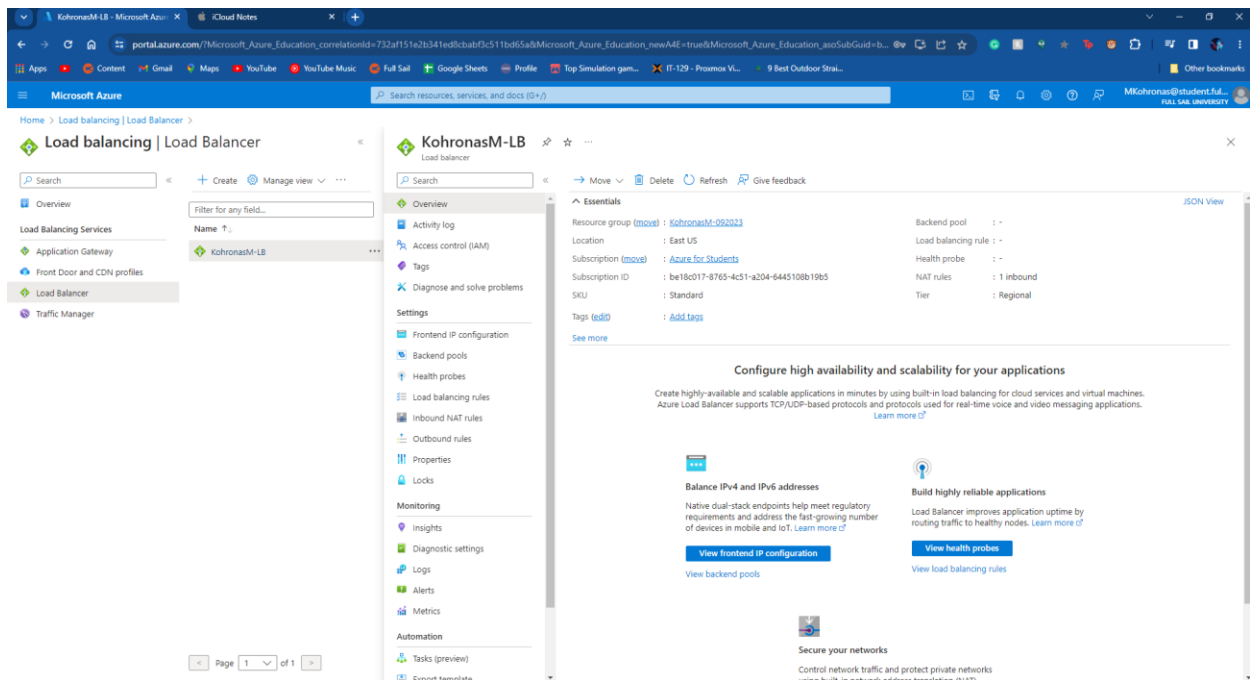
Peering page

The screenshot displays the Microsoft Azure portal interface for the "KohronasM-East-R1" virtual network. The left sidebar shows the "Virtual networks" section with a list of VNs: KohronasM-Central-R1 and KohronasM-East-R1. The main pane shows the "Peering" tab for the selected VN. The "Peering" section shows a table of peering connections. The table has columns for Name, Peering status, Peer, and Gateway transit. The first row shows a peering connection named "East-Central" with a status of "Connected", a peer of "KohronasM-Central-R1", and a gateway transit of "Disabled".

Name	Peering status	Peer	Gateway transit
East-Central	Connected	KohronasM-Central-R1	Disabled



Load Balancer



KohronasM-LB - Microsoft Azure | iCloud Notes

portal.azure.com/Microsoft_Azure_Education_correlationId=732af151e2b341ed8cbabf3c511bd65a8Microsoft_Azure_Education_newAM4=trueMicrosoft_Azure_Education_asoSubGuid=bu...@

Microsoft Azure

Home > Load balancing > Load Balancer > KohronasM-LB

Load balancing | Load Balancer

Search

+ Create Manage view ...

Load Balancing Services

- Application Gateway
- Front Door and CDN profiles
- Load Balancer
- Traffic Manager

Filter for any field...

Name ↑

KohronasM-LB

KohronasM-LB | Inbound NAT rules

nat r

+ Add Refresh Give feedback

Overview

Access control (IAM)

Diagnose and solve problems

Settings

- Frontend IP configuration
- Health probes
- Load balancing rules
- Inbound NAT rules
- Outbound rules
- Properties

Monitoring

- Alerts
- Metrics

Automation

- Tasks (preview)
- Export template

Help

- Resource health
- New Support Request

Name	Frontend IP	Frontend port/range	Target	Service
Inbound-Client01	20.246.186.230	33891	OWW-Client01	RDP (TCP/3389)

Page 1 of 1

RDP

```
Administrator Command Prompt
Microsoft Windows [version 10.0.19045.3448]
(c) Microsoft Corporation. All rights reserved.

C:\Users\KohronasM>ipconfig /all

Windows IP Configuration

Host Name . . . . . : OWW-Client01
Primary Dns Suffix . . . . . :
Node Type . . . . . : Hybrid
IP Routing Enabled. . . . . : No
WINS Proxy Enabled. . . . . : No
DNS Suffix Search List. . . . . : reddog.microsoft.com

Ethernet adapter Ethernet:

Connection-specific DNS Suffix . : reddog.microsoft.com
Description . . . . . : Microsoft Hyper-V Network Adapter
Physical Address. . . . . : 6A-45-BD-EC-2B-8A
DHCP Enabled. . . . . : Yes
Autconfiguration Enabled . . . : Yes
Link-local IPv6 Address . . . . : fe80::a101:ffe:6f23:292a57(Preferred)
IPv4 Address. . . . . : 10.0.0.200(Preferred)
Subnet Mask . . . . . : 255.255.255.0
Lease Obtained. . . . . : Wednesday, September 13, 2023 4:44:33 AM
Lease Expires . . . . . : Saturday, October 20, 2159 11:22:49 AM
Default Gateway . . . . . : 10.0.0.1
DHCP Server . . . . . : 168.63.129.16
DHCPv6 IAID . . . . . : 186972605
DHCPv6 Client DUID. . . . . : 0a-91-98-91-2c-92-64-ab-68-45-bd-ec-2b-8a
DNS Servers . . . . . : 10.0.0.100
NetBIOS over Tcpip. . . . . : Enabled

C:\Users\KohronasM>
```

```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.19045.3448]
(c) Microsoft Corporation. All rights reserved.

C:\Users\kohnonash>ipconfig /all

Windows IP Configuration

Host Name . . . . . : CNW-Client02
Primary Dns Suffix . . . . . :
Node Type . . . . . : Hybrid
IP Routing Enabled . . . . . : No
WINS Proxy Enabled . . . . . : No
DNS Suffix Search List . . . . . : reddog.microsoft.com

Ethernet adapter Ethernet:

Connection-specific DNS Suffix . : reddog.microsoft.com
Description . . . . . : Microsoft Hyper-V Network Adapter
Physical Address. . . . . : 00-22-48-A6-64-E5
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . : Yes
Link-local IPv6 Address . . . . . : fe80::bf71:4a8a:b6e1:4565%2 (Preferred)
IPv4 Address. . . . . : 10.0.1.200 (Preferred)
Subnet Mask . . . . . : 255.255.255.0
Lease Obtained. . . . . : Wednesday, September 13, 2023 4:44:00 AM
Lease Expires . . . . . : Saturday, October 20, 2019 11:15:30 AM
Default Gateway . . . . . : 10.0.1.1
DHCP Server . . . . . : 10.0.1.1
DHCPv6 IAID . . . . . : 100672072
DHCPv6 Client DUID. . . . . : 00-01-00-01-2C-92-E6-01-00-22-48-A6-64-E5
DNS Servers . . . . . : 10.0.0.100
                        8.8.8.8
NetBIOS over Tcpip. . . . . : Enabled

C:\Users\kohnonash>
```

Server Manager

Server Manager

Local Server

Dashboard

All Servers

AD DS

DNS

File and Storage Services

PROPERTIES

For CNW-Websv

Computer name: CNW-Websv

Domain: CNW.BIZ

Windows Defender Firewall: Domain On

Remote management: Enabled

Remote Desktop: Enabled

NIC Teaming: Disabled

Ethernet: IPv4 address assigned by DHCP, IPv6 enabled

Operating system version: Microsoft Windows Server 2019 Datacenter

Hardware information: Microsoft Corporation Virtual Machine

Last installed updates: Today at 3:45 AM

Windows Update: Install updates automatically using Windows Update

Last checked for updates: Today at 3:45 AM

Windows Defender Antivirus: Real-Time Protection On

Feedback & Diagnostics: Settings

IE Enhanced Security Configuration: On

Time zone: (UTC) Coordinated Universal Time

Product ID: 00430-00000-00000-AA405 (activated)

Processors: Intel(R) Xeon(R) Platinum 8272CL CPU @ 2.80GHz

Installed memory (RAM): 8 GB

Total disk space: 142.45 GB

EVENTS

All events | 40 total

Filter

Server Name

ID

Severity

Source

Log

Date and Time

CNW-Websv

6038

Warning

Microsoft-Windows-LSA

System

9/13/2023 4:50:33 AM

CNW-Websv

144

Warning

Microsoft-Windows-Time-Service

System

9/13/2023 4:45:16 AM

CNW-Websv

10154

Warning

Microsoft-Windows-Remote Management

System

9/13/2023 4:45:00 AM

CNW-Websv

12

Warning

Microsoft-Windows-Time-Service

System

9/13/2023 4:45:00 AM

CNW-Websv

1014

Warning

Microsoft-Windows-DNS Client Events

System

9/13/2023 4:44:33 AM

CNW-Websv

1014

Warning

Microsoft-Windows-DNS Client Events

System

9/13/2023 4:44:33 AM

CNW-Websv

1014

Warning

Microsoft-Windows-DNS Client Events

System

9/13/2023 4:44:32 AM

SERVICES

All services | 218 total

Filter

Server Name

Display Name

Service Name

Status

Start Type

CNW-Websv

Wired AutoConfig

dot3svc

Stopped

Manual

CNW-Websv

Microsoft Edge Elevation Service (MicrosoftEdgeElevationService1d9e05147b44084)

MicrosoftEdgeElevationService1d9e05147b44084

Stopped

Manual

CNW-Websv

Microsoft Hyper-V Client

hvcntclient

Stopped

Disabled

Recourses Deleted

Resource groups - Microsoft A...iCloud Notes

portal.azure.com/Microsoft_Azure_Education_correlationId=732af151e2b341edf8cabfd511ba65a8Microsoft_Azure_Education_newAMI=true&Microsoft_Azure_Education_asoSubGuid=be18bd...@

AppsContentGmailMapsYouTubeYouTube MusicFull SailGoogle SheetsProfileTop Simulation gam...IT-129 - Proxmox VL...9 Best Outdoor Strai...

Microsoft AzureSearch resources, services, and docs (5+)

Mikahroner@student.ful...FULL SAIL UNIVERSITY

Home >

Resource groupsFull Sail University

+ CreateManage viewRefreshExport to CSVOpen queryAssign tags

Filter for any field...Subscription equals allLocation equals allAdd filter

No groupingList view

Showing 0 to 0 of 0 records.

NameSubscriptionLocation

No resource groups to display

Try changing or clearing your filters.

Create resource group

Learn more

Give feedback