

Lab 6

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DevOps assignment

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Task 1:

The screenshot displays the Microsoft Azure portal interface. The top navigation bar includes the 'Microsoft Azure' logo, a search bar, and the user profile 'kebad58@gmail.com'. The breadcrumb trail shows 'Home > CreateVm-MicrosoftWindowsServer.WindowsServer-201-20250418194606 | Overview >'. The main heading is 'SimpleWinVM' with a subtitle 'Virtual machine'. A left-hand sidebar contains navigation links: Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Resource visualizer, Connect, Networking, Settings, Disks, Extensions + applications, Operating system, Configuration, Advisor recommendations, and Properties. The main content area features a warning banner: 'SimpleWinVM virtual machine agent status is not ready. Troubleshoot the issue ->'. Below this is a 'Help me copy this VM in any region' button and a row of action buttons: Connect, Start, Restart, Stop, Hibernate, Capture, Delete, Refresh, Open in mobile, Feedback, and CLI / PS. The 'Essentials' section provides key VM details in two columns: Resource group (lab6ebad), Status (Running), Location (East US 2 (Zone 1)), Subscription (Azure for Students), Subscription ID (aa8e2ee3-febb-442f-8360-c2f40ff36ef2), Availability zone (1), Operating system (Windows), Size (Standard D2s v3 (2 vcpus, 8 GiB memory)), Public IP address (172.210.248.162), Virtual network/subnet (SimpleWinVM-vnet/default), DNS name (Not configured), Health state (-), and Time created (4/18/2025, 2:49 PM UTC). A 'Tags' section with an 'Add tags' button is also present. Below the essentials, tabs for 'Properties', 'Monitoring', 'Capabilities (8)', 'Recommendations', and 'Tutorials' are shown. The 'Properties' tab is active, displaying a table with 'Computer name' (SimpleWinVM) and 'Operating system' (Windows). A 'Networking' section on the right shows the 'Public IP address' (172.210.248.162) and 'Public IP address (IPv6)' (-).

Task 2:

The screenshot displays the Microsoft Azure portal interface for a Network Security Group (NSG). The top navigation bar is consistent with the previous screenshot. The breadcrumb trail shows 'All services > Microsoft.NetworkSecurityGroup-20250418195236 | Overview >'. The main heading is 'myNSGSecure' with a subtitle 'Network security group'. The left-hand sidebar contains navigation links: Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Resource visualizer, Settings, Monitoring, Automation, and Help. The main content area features a row of action buttons: Move, Delete, Refresh, and Give feedback. The 'Essentials' section provides key NSG details: Resource group (lab6ebad), Location (East US 2), Subscription (Azure for Students), Subscription ID (aa8e2ee3-febb-442f-8360-c2f40ff36ef2), and a 'Tags' section with an 'Add tags' button. Below this is a 'Filter by name' search bar and a row of filter buttons: Port == all, Protocol == all, Source == all, Destination == all, and Action == all. A table with columns 'Priority', 'Name', 'Port', 'Protocol', 'Source', 'Destination', and 'Action' is shown, with a '▼ Inbound Security Rules' expandable section below it.

Microsoft Azure | Search resources, services, and docs (G+/)

kebad58@gmail.com
DEFAULT DIRECTORY (KEBAD58G...)

All services > Microsoft.NetworkSecurityGroup-20250418195236 | Overview > myNSGSecure

myNSGSecure | Network interfaces

Network security group

Search

Associate Refresh Dissociate

Search network interfaces

Name ↑↓	Public IP address ↑↓
No results.	

Associate network interface

myNSGSecure

Network interface associations * ⓘ

simplewinvm887_z1

OK

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All services > Microsoft.NetworkSecurityGroup-20250418195236 | Overview > myNSGSecure

myNSGSecure | Network interfaces

Network security group

Search

Associate Refresh Dissociate

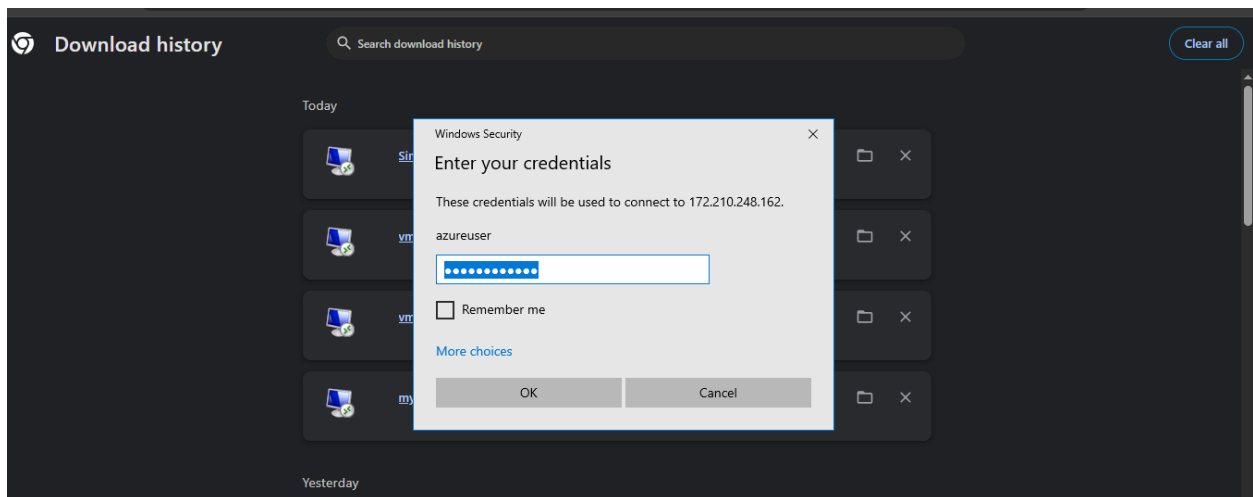
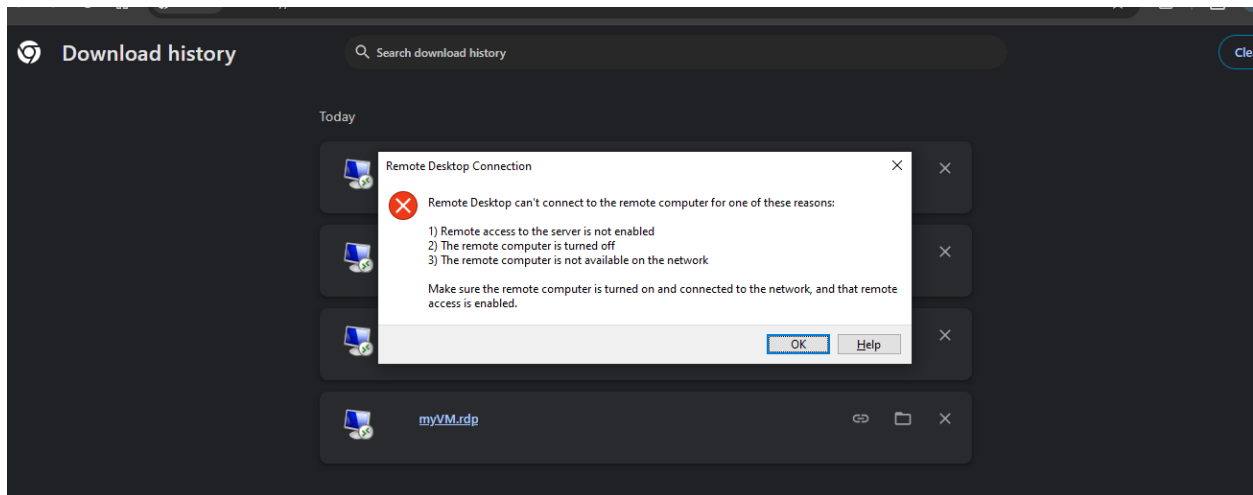
Search network interfaces

Name ↑↓	Public IP address ↑↓	Private IP address ↑↓	Virtual machine ↑↓
simplewinvm887_z1	172.210.248.162	10.1.0.4	SimpleWinVM

Give feedback

Add or remove favorites by pressing Ctrl+Shift+F

Task 3:



Task 4:

