

WinServer??

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windows server 2022?????raid5 ???????????

```
cmd
diskpart
list disk
select disk < >
online disk
```

```
PowerShell
GPT Initialize-Disk -Number 0 -PartitionStyle GPT
New-Partition -DiskNumber 0 -UseMaximumSize -AssignDriveLetter
Format-Volume -DriveLetter F -FileSystem NTFS -NewFileSystemLabel "HDD-RAID5" -
Confirm
```

Windows Installer ?????? ?????

Windows Installer

Installer ☐

ChatGPT

Windows [|||||]

Windows

[illegible]

Windows Installer

Windows Installer

[illegible]

Windows Installer ☐ ☐ ☐ ☐ ☐ ☐

[illegible]

Windows Installer

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1 ☐ ☐ Windows Installer ☐ ☐ ☐ ☐

Win + R services.msc

Windows Installer ██████████ msiserver ██████████

	“		”
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2 ☐ ☐ ☐ ☐ Windows Installer

Win + R  cmd  Ctrl + Shift + Enter                      

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```
msiexec /unregister
```

```
msiexec /reqserver
```

3 Windows

Windows

```
sfc /scannow
```

☐ sfc ☐

dism /online /cleanup-image /restorehealth

Windows

4 Windows Installer

Win + R regedit

HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\msiserver

Start

Start 2 2

5 “ Windows Installer

Windows Installer

Win + R cmd Ctrl + Shift + Enter

net start msiserver

(regedit)

HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\SafeBoot\Minimal\

MSIServer

Service

6

Windows Installer

Windows Defender

Malwarebytes

(Ctrl + Shift + Esc) CPU

Windows Installer
Windows Installer (msiexec /regserver)
SFC DISM
(HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\msiserver)
Windows Installer

Windows
WinRE “ ” “ ”
Windows Windows

Group Policy Client

C:\Windows\System32\GroupPolicy\

[illegible]

Windows Server Backup

Active Directory

7.

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dcpromo

?windows??winrm service, ????????

winrm service: windows winrm service,

/
windows server

/

winrm service
winrm enumerate winrm/config/listener

winrm service
winrm quickconfig

```
Administrator: C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Administrator>winrm enumerate winrm/config/listener

C:\Users\Administrator>winrm quickconfig
WinRM already is set up to receive requests on this machine.
WinRM is not set up to allow remote access to this machine for management.
The following changes must be made:

Create a WinRM listener on HTTP://* to accept WS-Man requests to any IP on this machine.
Enable the WinRM firewall exception.
Configure LocalAccountTokenFilterPolicy to grant administrative rights remotely to local users.

Make these changes [y/n]? y

WinRM has been updated for remote management.

Created a WinRM listener on HTTP://* to accept WS-Man requests to any IP on this machine.
WinRM firewall exception enabled.
Configured LocalAccountTokenFilterPolicy to grant administrative rights remotely to local users.
```

winrm service listener:
winrm e winrm/config/listener

```
Administrator: C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Administrator>winrm e winrm/config/listener
Listener
  Address = *
  Transport = HTTP
  Port = 5985
  Hostname
  Enabled = true
  URLPrefix = wsman
  CertificateThumbprint
  ListeningOn = 10.30.154.204, 127.0.0.1, ::1, fe80::5efe:10.30.154.204%15, fe
80::8c9:7b3:4319:9d1%16

C:\Users\Administrator>
```

□ winrm service □□ auth:
winrm set winrm/config/service/auth @{Basic="true"}

```
Administrator: C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Administrator>winrm set winrm/config/service/auth @{Basic="true"}
Auth
  Basic = true
  Kerberos = true
  Negotiate = true
  Certificate = false
  CredSSP = false
  CbtHardeningLevel = Relaxed

C:\Users\Administrator>
```

□ winrm service □□□□□□□□□□
winrm set winrm/config/service @{AllowUnencrypted="true"}

```
Administrator: C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Administrator>winrm set winrm/config/service @{AllowUnencrypted="true"}
Service
  RootSDDL = O:NSG:BAD:P<A;;GA;;;BA>S:P<AU;FA;GA;;;WD><AU;SA;GMGX;;;WD>
  MaxConcurrentOperations = 4294967295
  MaxConcurrentOperationsPerUser = 15
  EnumerationTimeoutms = 60000
  MaxConnections = 25
  MaxPacketRetrievalTimeSeconds = 120
  AllowUnencrypted = true
  Auth
    Basic = true
    Kerberos = true
    Negotiate = true
    Certificate = false
    CredSSP = false
    CbtHardeningLevel = Relaxed
  DefaultPorts
    HTTP = 5985
    HTTPS = 5986
  IPv4Filter = *
  IPv6Filter = *
  EnableCompatibilityHttpListener = false
  EnableCompatibilityHttpsListener = false
  CertificateThumbprint

C:\Users\Administrator>
```

winrm service

?????“veeam”??????????

```
Windows Server PowerShell
"veeam"
Get-Service | Where-Object { $_.DisplayName -like "*veeam*" } | Restart-Service -Force
PowerShell "veeam"
```

```
powershell
Copy code
Get-Service | Where-Object { $_.DisplayName -like "*veeam*" } | Stop-Service -Force
Stop-Service
```

```
Get-Service
Where-Object { $_.DisplayName -like "*veeam*" } "veeam"
Stop-Service -Force
PowerShell
```