Testing Connection And Port Access

Test-NetConnection is a PowerShell cmdlet used to diagnose network connectivity issues. It's part of Windows PowerShell 4.0 and later, and provides a more detailed alternative to traditional tools like ping or tracert.

Capabilities:

- Ping a host
- Test TCP port connectivity
- Trace route to a remote host
- Check DNS resolution
- Display interface and source IP info

Example

Ping a remote host, replace your-server.com with your servers address.

```
Test-NetConnection your-server.com
```

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