



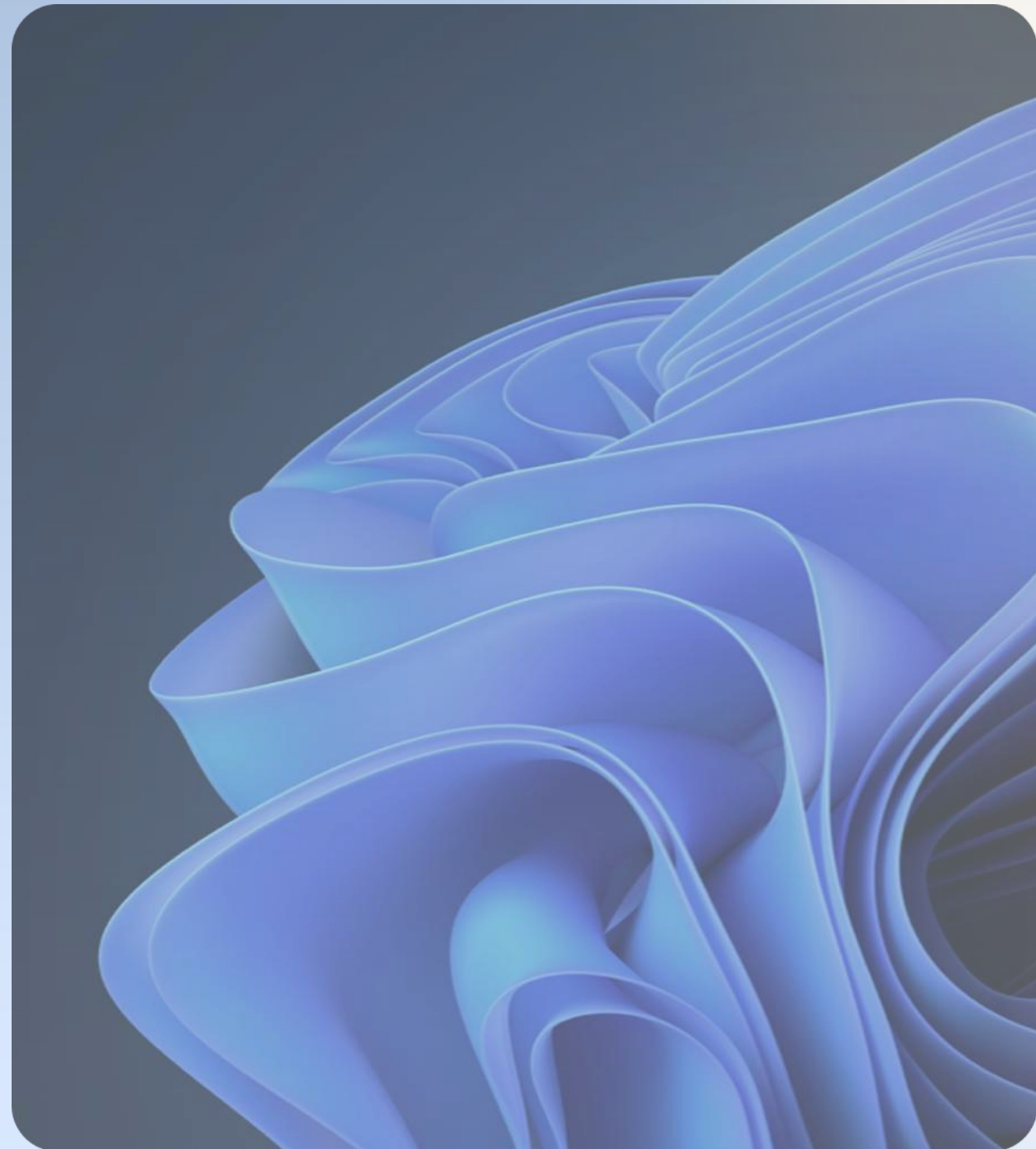
Intro to Interop: Microsoft's Interoperability Commitment

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SambaXP 2026

Microsoft Interoperability Track



Agenda

- Why Interoperability?
- The Interop program
- Benefits for you
- Resources and Interaction

Special Edition:
SMB3 IO LAB T-shirt
SambaXP 25th
Anniversary



Interoperability

The ability of different systems, devices, or software to interact and exchange data seamlessly.

Why Interoperability Matters

Customers operate in mixed, multi-vendor environments



Reduce
Risk

Save
Cost & Time

Build
Trust

Microsoft's Interoperability Program

Ensure developers have access to the interoperability information, tools and resources needed to successfully develop for Microsoft's products and platforms



Long-standing
commitment



Real-world
compatibility



For every
partner/customer

What Developers Get



Docs



Tools



Support



Events

Docs + Validation + Interaction = **Better Products!**

Interoperability Program Scope

Windows & M365 Interoperability

[Windows Protocols](#)

[Office Protocols](#)

Additional Technologies:

[SQL Protocols](#)

[SharePoint Protocols](#)

[Exchange Protocols](#)

[Office File Formats](#)

[M365 and Teams Interoperability](#)



Windows



Microsoft 365

Open Specifications:

<https://aka.ms/openspecs>

Interop Events Updates:

<https://aka.ms/interopevents>



Interoperability Documentation

Human led, agentic workflow

100,000+

Pages of technical
content

3.5 Million

Lines of code provided
to ISVs

Monthly

Updates

<https://aka.ms/openspecs>





What's New and Changed

The screenshot shows a web browser window displaying the Microsoft Learn website. The address bar shows the URL: <https://learn.microsoft.com/en-us/openspecs/main/ms-openspeclp/3589baea-5b22-48f2-9d43-f5bea4960ddb>. The page title is "Open Specifications". The main content area features a search bar with the text "Find by title", a "Download PDF" button, and a "Summarize this article for me" button. The article text reads: "Through the Open Specifications program, Microsoft is helping developers open new opportunities by making technical documents related to interoperability for certain popular Microsoft products available to view and download at no charge. Although the Open Specifications technical documents are freely available, many of them include patented inventions. Some of these patents are available at no charge under the [Open Specifications Promise](#) or the [Microsoft Community Promise](#). The remaining patents are available through various licensing programs. For more information, please visit the [Microsoft Open Specifications Dev Center](#) website or send an email message to the [IP Licensing Team](#)."

Revised docs
Service Releases
Security updates

https://learn.microsoft.com/en-us/openspecs/windows_protocols/ms-winprotlp

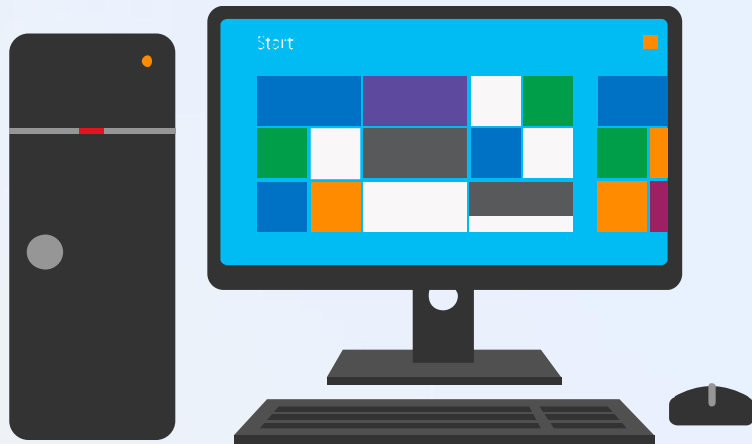


Developers Tools and Resources

Just keep testing!

Client Implementation

Application connecting to a Microsoft Server



Man-in-the-Middle

Application manipulating traffic over the wire

Server Implementation

Client connecting to a Microsoft Server



Validation in Action

1 Open Specification Review

- Ambiguity Review
- Simulation of the implementation Process

2 Requirement Analysis

- Normative language
- Requirement Extraction

3 Test Suite Development

- Requirements become Test Cases
- Groups of Test Cases become Scenarios

3.1.4.9 CreateWeb

This operation is used to create a new subsite of the current site (2).<14>

```
<wsdl:operation name="CreateWeb">  
  <wsdl:input message="tns:CreateWebSoapIn" />  
  <wsdl:output message="tns:CreateWebSoapOut" />  
</wsdl:operation>
```

The client sends a **CreateWebSoapIn** request message and the server responds with a **CreateWebSoapOut** response message upon successful completion of creating the subsite. In the case that any of the error conditions specified by the following table occur, this method **MUST** return a SOAP fault with the specified error code.

Error Code	Specification
0x800700b7	The location specified by CreateWeb/url is already in use.

∴, this method **MUST** return a SOAP fault with the specified error code.

teName does not exist.

For Microsoft patents, the Microsoft [Open](#) license, you should prefer a written license, by the Open Specifications

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Tools. The Open Specifications documentation does not require the use of Microsoft programming tools or programming environments in order for you to develop an implementation. If you have access to Microsoft programming tools and environments, you are free to take advantage of them. Certain Open Specifications documents are intended for use in conjunction with publicly available standards specifications and network programming art and, as such, assume that the reader either is familiar with the aforementioned material or has immediate access to it.

Support. For questions and support, please contact dochelp@microsoft.com.

<https://github.com/microsoft/WindowsProtocolTestSuites>

File Server

- MS-SMB2
- MS-DFSC
- MS-SWN
- MS-FSRVP
- MS-FSA
- MS-FSCC
- MS-RSVD
- MS-SQOS

RDP

- MS-RDPBCGR
- MS-RDPEDISP
- MS-RDPEDYC
- MS-RDPEGFX
- MS-RDPEGT
- MS-RDPEI
- MS-RDPEMT
- MS-RDPEUDP
- MS-RDPEUSB
- MS-RDPEVOR
- MS-RDPRFX
- [MS-RDPBCGR
- MS-RDPEDYC
- MS-RDPEMT
- MS-RDPELE

Kerberos

- MS-KILE
- MS-KKDCP
- MS-PAC

SMB Direct

- MS-SMBD
- MS-SMB2

ADOD

- MS-ADOD

Active Directory

- MS-ADA1
- MS-ADA2
- MS-ADA3
- MS-ADLS
- MS-ADSC
- MS-ADTS
- MS-APDS
- MS-DRSR
- MS-FRS2
- MS-LSAD
- MS-LSAT
- MS-SAMR
- MS-NRPC

ADFS Proxy & Web Application Proxy

- MS-ADFSPIP

Brand Cache

- MS-PCCRTP
- MS-PCCR
- MS-PCHC
- MS-PCCRC



Test Updates & Improvements

AI Generated Code

Automation

Independent Testing

Performance

Diffs

And more...

Support Channels



Dedicated
Support
Team

Free & Fast



Dochelp@
Microsoft.com

Email 24/7



Aka.ms/
dochelp

Forums



Github
Repos

Collaborate



Interop Events

Collaboration and Feedback

<https://aka.ms/interopevents>



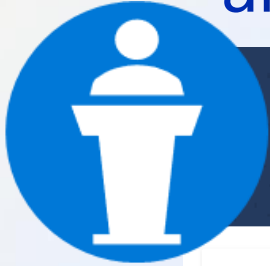
Learning and interaction opportunities

Test & collaborate - Build a community

“The biggest value of the IO Lab is having everyone in the same room”

Interop Events Site

aka.ms/interopevents



Interop Developer events

Explore how Open Specifications drive innovation as you learn, test, and connect at Microsoft interoperability events for Microsoft 365, Windows, SQL, and more.

 OVERVIEW
About Interop events

 QUICKSTART
FAQ

 REFERENCE
All events

 VIDEO
Event videos



Upcoming events






sambaXP + SNIA SMB3 IO Lab EMEA 2026
April 20 - 23, 2026

Learn more



Resources

-  [Open Specifications](#)
-  [Open Specifications Dev Center](#)

Test Tools

-  [Interoperability Test Tools](#)
-  [Windows Protocol Test Suites](#)
-  [Office Protocol Test Suites for Office, SharePoint, and Exchange](#)

Support

-  [Interoperability Support](#)
-  docheip@microsoft.com

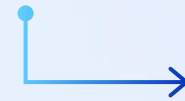
Contact Us

-  interopdevs@microsoft.com

Access documentation, tools and resources
Discover upcoming and past interoperability events
Engage support and feedback channels

**We are
here for
you**

Start here



1

Docs

2

Test

3

Collaborate

Just Keep Testing!

We want to hear from you!

interopdevevents@microsoft.com

See you in our future events:

DevDays ASIA, Taipei, Sept 22-24, 2026

SNIA SDC SMB3 IO Lab, CA, Sept 28 – Oct 1st, 2026

Thank you!



Online Resources



Support: dochelp@microsoft.com

Forums: aka.ms/dochelp



Documents: <https://learn.microsoft.com/en-us/openspecs>



Events: aka.ms/interopevents



GitHub Repos & TestSuites

<https://github.com/OfficeDev/Interop-TestSuites>

<https://github.com/microsoft/WindowsProtocolTestSuites>