

RDBConnect FTP/S Connection Setup

ProData Computer Services, Inc.



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2890 S 160th Street, Omaha, Nebraska 68130 • USA 800.228.6318 • 402.697.7576 • sales@prodatacomputer.com • www.dodbu.com

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1. Windows FTP Server Setup

Set up a FTP server on a Windows 2016 Server

- Use the IIS Manager Application
- Add FTP Site
- Specify the name of your FTP Site and Path

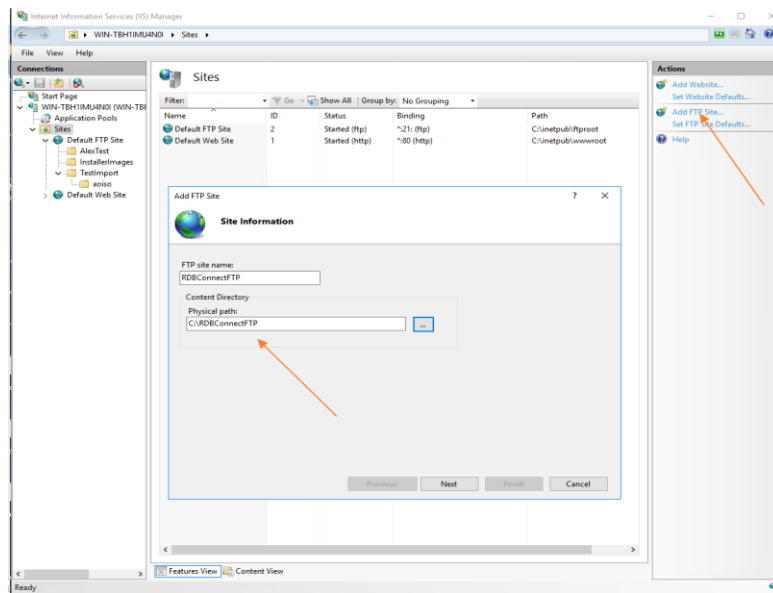


Figure 1-1

- Specify the port you would like to use and if SSL is required

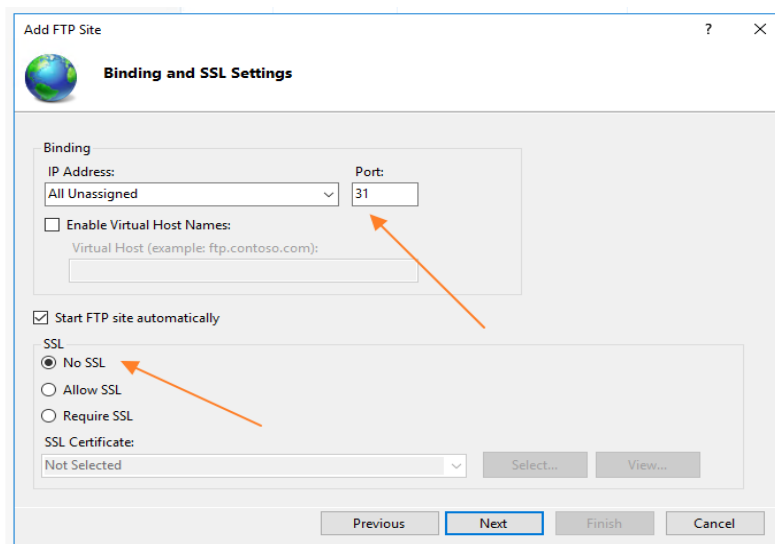


Figure 1-2

- Specify Authentication type and Authorization (User ID must be created prior to this)

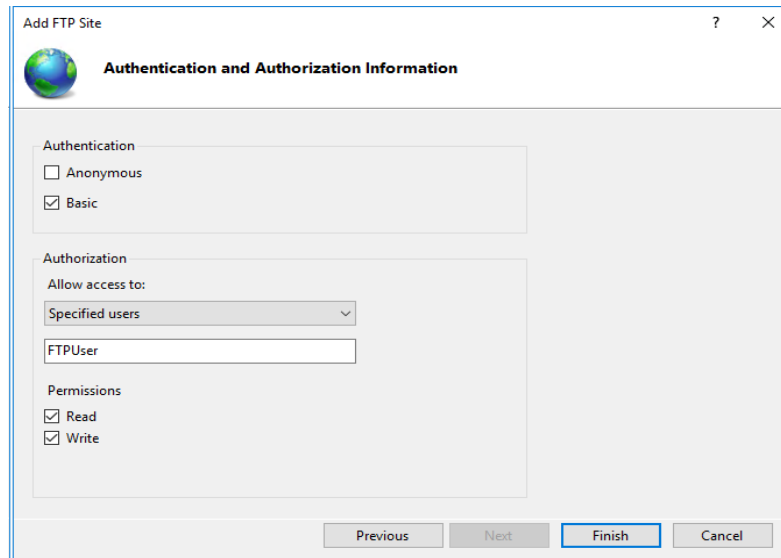


Figure 1-3

- Start the new FTP Server using Port 31 (Default Port is 21)
- Create an Inbound/Outbound Firewall rule

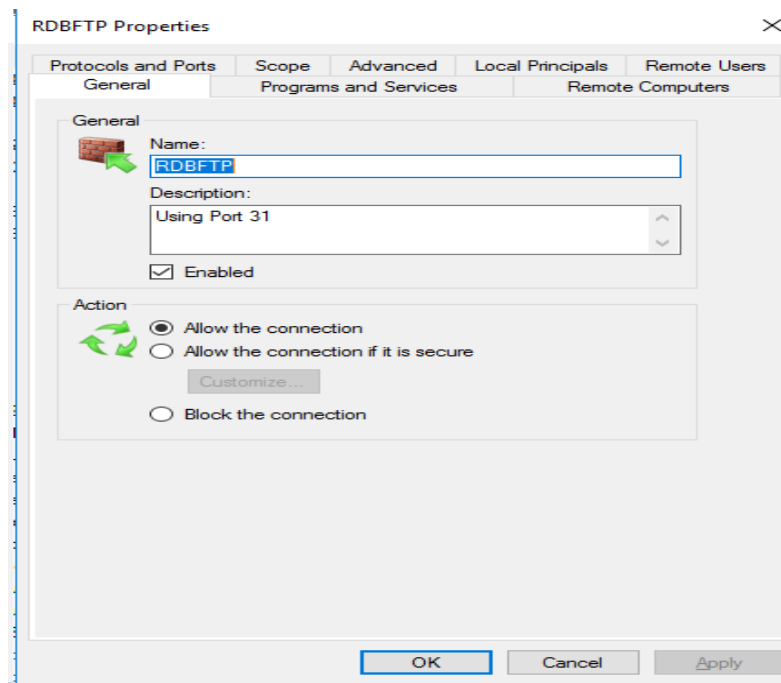


Figure 1-4

- Restart the Microsoft FTP Service

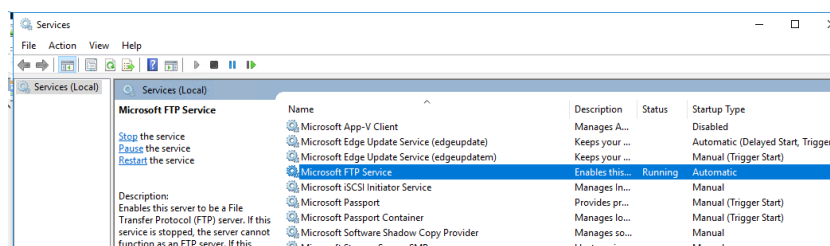


Figure 1-5

2. Create IBMi Connection to FTP server

Connection is similar to any other connection

- Create a connection on the IBMi Side
- Use Command RDBCFG -> F6=Create New Connection

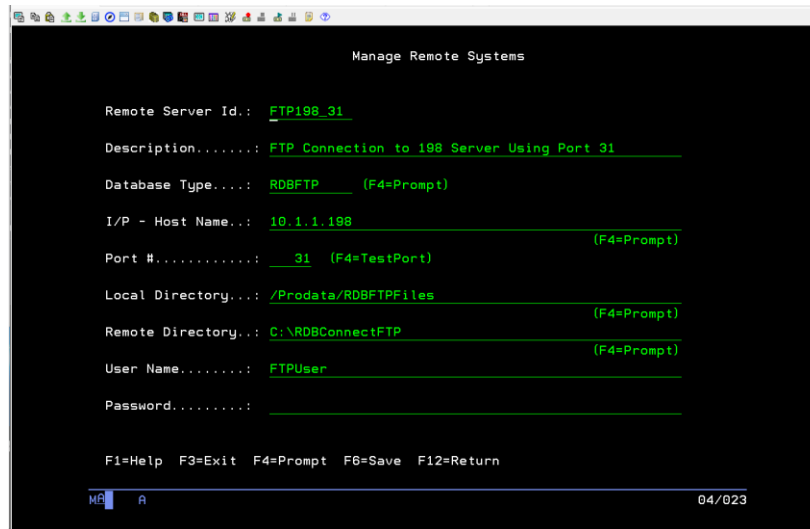


Figure 2-1

- Create a Firewall Inbound/outbound rule for Port 31
- Use F4=TestPort from the new RDB connection on IBMi to test your port number.

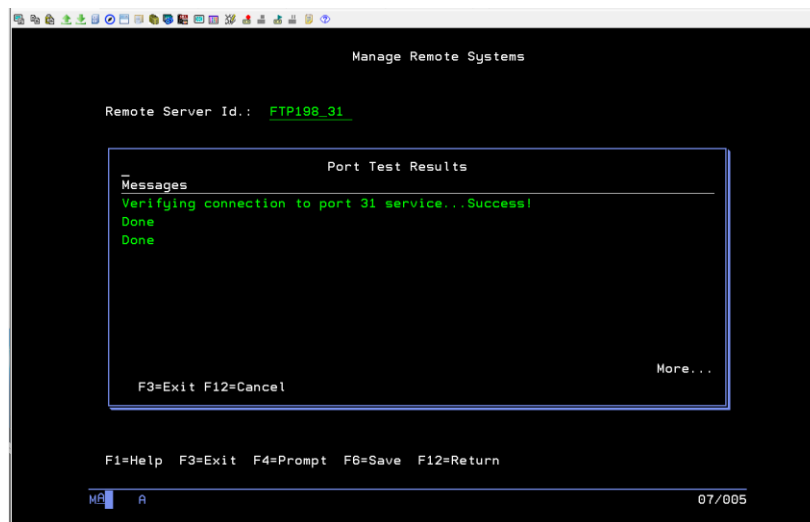


Figure 2-2

- You should see this message above if everything works or you'll get an error message if your IBMi can't get through the specified port number.
- You must stop and start the Microsoft FTP Service in order to connect from IBMi

- Test your connection from IBMi Option 9 from RDBCFG

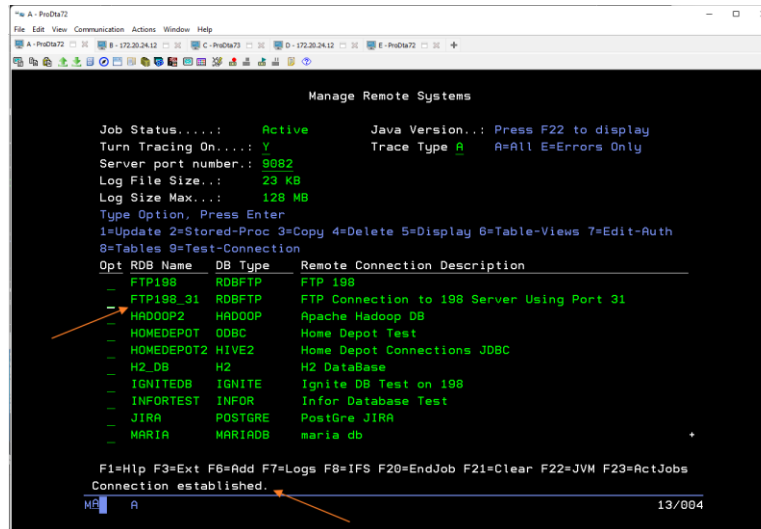


Figure 2-3

- “Connection Established”
- Check your RDB tracelog file to verify any additional connection information

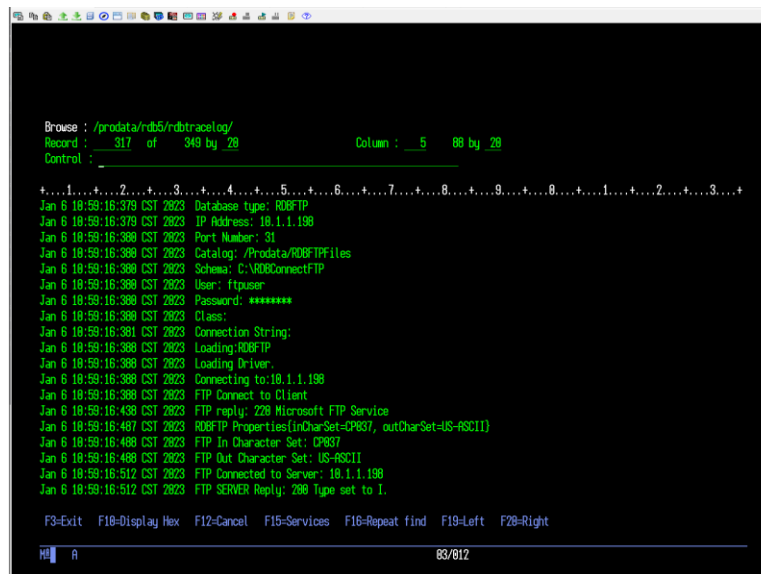


Figure 2-4

3. Source Code Examples

- Example below uses all parameters available in RDBFTPPUT

```

/FREE
Id = RdbConnect('FTP198');
If Id >= 0;
// After the connection is established.

vFileName = 'TestFile.txt';
vLocDir = '/home/QPGMR/';
vRmtDir = '\TestFTP';
// This API will send a file over to your FTP Server.
rc = RdbFtpPut(Id:
    vFileName:
    vLocDir:
    vRmtDir);
//
if rc <0;
    RdbError(@ErrId: @ErrText);
endif;

```

- Example below does NOT use all parameters available in RDBFTPPUT

```

/FREE
Id = RdbConnect('FTP198');
If Id >= 0;
//
// After the connection is established.
vFileName = 'readme.txt';
//This API will use your connections default local and remote directories
rc = RdbFtpPut(Id:
    %trim(vFileName));
//
if rc <0;
    RdbError(@ErrId: @ErrText);
endif;
EndIf;
RdbClose(Id);
//
*Inlr = *On;
/END-FREE

```