| **Component** | **Dependencies** | **Links** |
| --- | --- | --- |
| **Azure Data Factory – Self-Hosted Integration Runtime (SHIR)** | - 64-bit Windows 10/11 or Windows Server 2016/2019/2022- **.NET Framework 4.7.2+**- **Java Runtime (JRE 11)** for Parquet/Avro/ORC support- Admin rights on install machine- Outbound HTTPS 443 to Azure services | [Download SHIR](https://www.microsoft.com/en-us/download/details.aspx?id=39717)[Docs – Install SHIR](https://learn.microsoft.com/en-us/azure/data-factory/create-self-hosted-integration-runtime) |
| **Microsoft Fabric / Power Platform – On-Premises Data Gateway** | - 64-bit Windows 10/11 or Windows Server 2016/2019/2022- **.NET Framework 4.8**- Admin rights- Outbound ports: 443, 5671–5672, 9350–9354- Not supported on Domain Controllers or Server Core | [Download Gateway](https://www.microsoft.com/en-us/download/details.aspx?id=53127)[Docs – Install Gateway](https://learn.microsoft.com/en-us/data-integration/gateway/service-gateway-install)[Docs – Network Requirements](https://learn.microsoft.com/en-us/data-integration/gateway/service-gateway-communication) |
| **Microsoft Purview – Self-Hosted Integration Runtime** | - 64-bit Windows 10/11 or Windows Server 2012/2016/2019/2022- **.NET Framework 4.7.2+**- **Java Runtime (JRE 8 or 11)** for Parquet scanning- Admin rights- Recommended: 8 cores, 28 GB RAM, 80 GB free disk | [Download Purview SHIR](https://www.microsoft.com/en-us/download/details.aspx?id=105539)[Docs – Purview SHIR Setup](https://learn.microsoft.com/en-us/purview/data-map-integration-runtime-self-hosted) |
| **.NET Framework** (dependency) | Required by SHIR, Purview SHIR, and Gateway | [.NET Framework 4.7.2 Runtime](https://dotnet.microsoft.com/en-us/download/dotnet-framework/net472)[.NET Framework 4.8 Runtime](https://dotnet.microsoft.com/en-us/download/dotnet-framework/net48) |
| **Java Runtime (JRE)** (dependency) | Required by SHIR & Purview SHIR for Parquet/Avro/ORC support | [Microsoft Build of OpenJDK 11 (LTS)](https://learn.microsoft.com/en-us/java/openjdk/download#openjdk-11)[Microsoft Build of OpenJDK 8 (LTS)](https://learn.microsoft.com/en-us/java/openjdk/download#openjdk-8) |