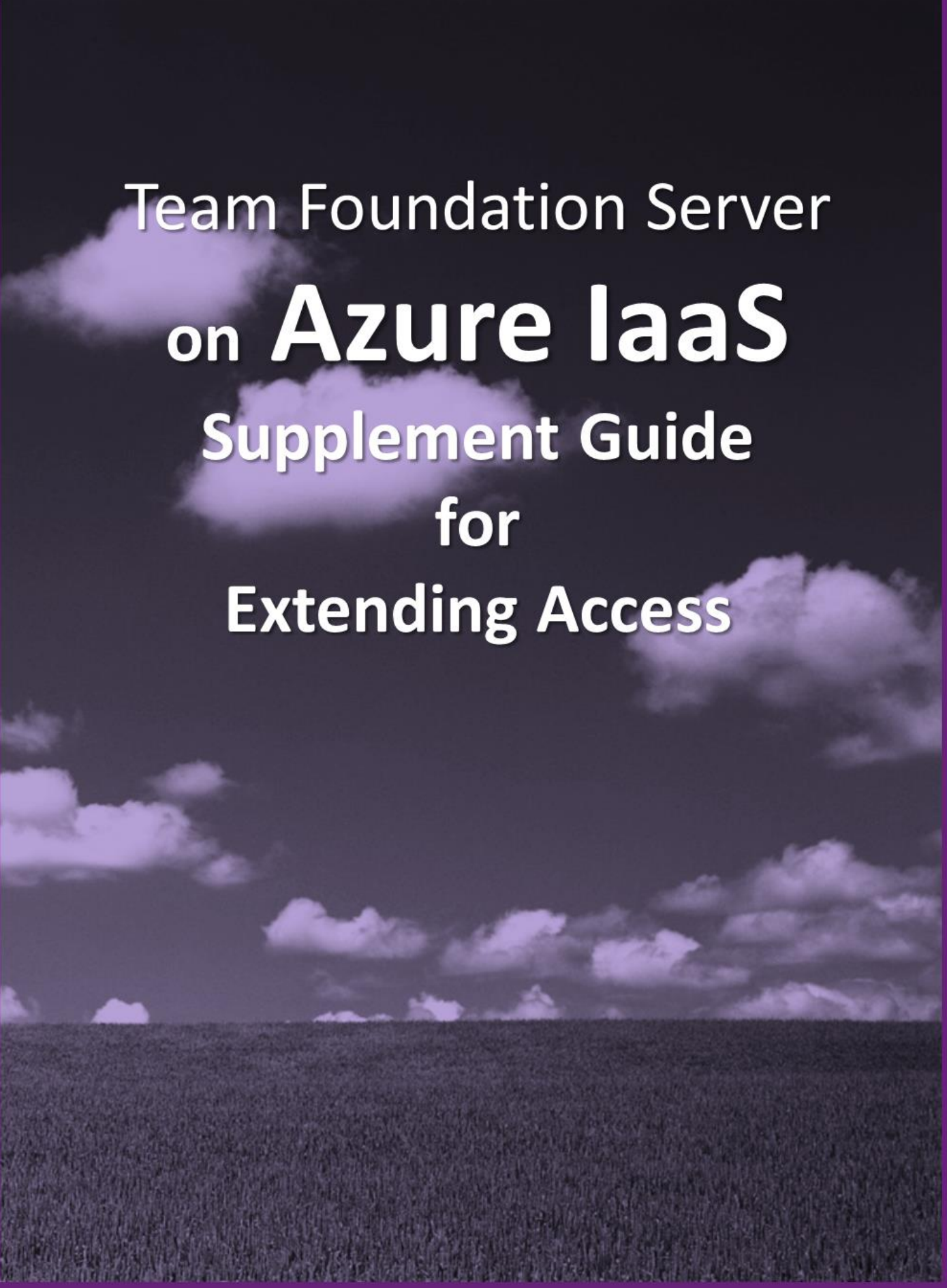

V1.4

# Team Foundation Server on Azure IaaS

## Supplement Guide for Extending Access

Visual Studio ALM Rangers

Microsoft

Visual Studio

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# Extend access beyond the on-premises and Azure domain

## Introduction

This addendum is a supplement for the main TFS on Azure IaaS guide, which delivers practical and scenario based guidance for the implementation of Team Foundation Server (TFS) on Azure IaaS.

## Context

- When we authenticate against and connect from the on-premises or Azure domain, we can access and use the TFS environment without any issue.
- When we connect from outside these domains, any attempt to access the team project reports will fail as the **http://AZ-UE-DT-O1:80/Report**s URL cannot be resolved on the worldwide network.
- Similarly any attempt to create a new team project will fail similarly as the creation wizard is unable to find the http://AZ-UE-DT-O1:80/Reports destination.

In this supplement, we extend access to the TFS environment for users beyond the on-premises and Azure domain as implemented in the Windows Azure proof of concept instance as introduced in the main guide.

NOTE

Use this supplement in conjunction with its companion guides "TFS Planning Guide" and TFS on Azure IaaS".

## What you'll need

- Windows Azure proof of concept instance as introduced in the main guide

## Visual Studio ALM Rangers

*The Visual Studio ALM Rangers provide professional guidance, practical experience and gap-filling solutions to the ALM community.* They are a special group with members from the Visual Studio Product group, Microsoft Services, Microsoft Most Valuable Professionals (MVP) and Visual Studio Community Leads. Membership information is available online[1].

## Additional ALM Rangers Resources

Understanding the ALM Rangers – http://aka.ms/vsarunderstand

Visual Studio ALM Ranger Solutions – http://aka.ms/vsarsolutions

# Walkthrough

## Review the proof of concept setup

During the deployment walkthrough, we have installed and configured the Report Server as follows:

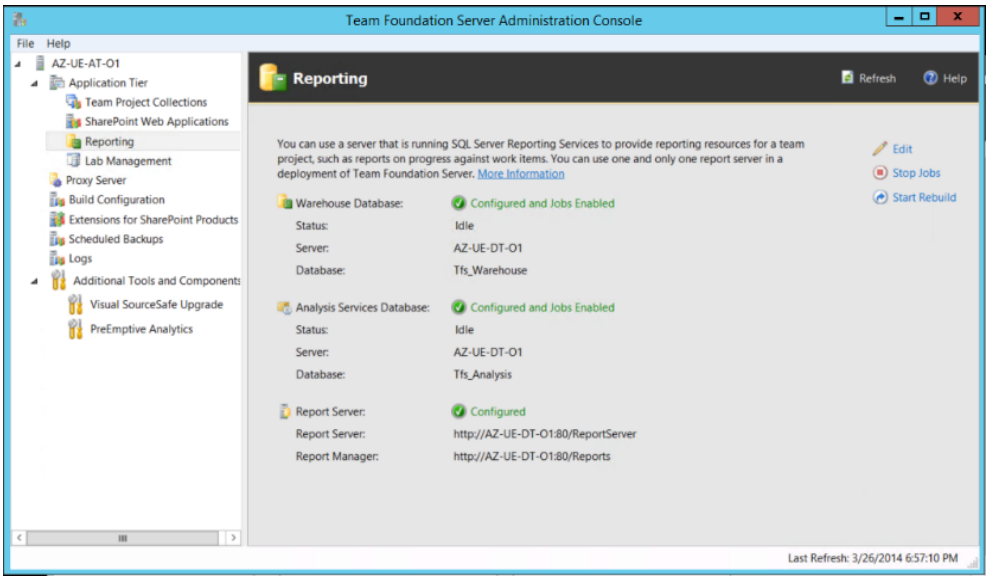


**Figure 1 - POC (default) Report Server Environment**

Users ❶ working on on-premises domain, ❷ connected to in-premises domain via VPN and ❸ working on Azure domain can connect and use TFS without any issues. Users ❹ working outside both the on-premises and Azure domain can use TFS, but fail with "http://AZ-UE-DT-O1:80/Reports URL resolution" when using reports or creating team projects.

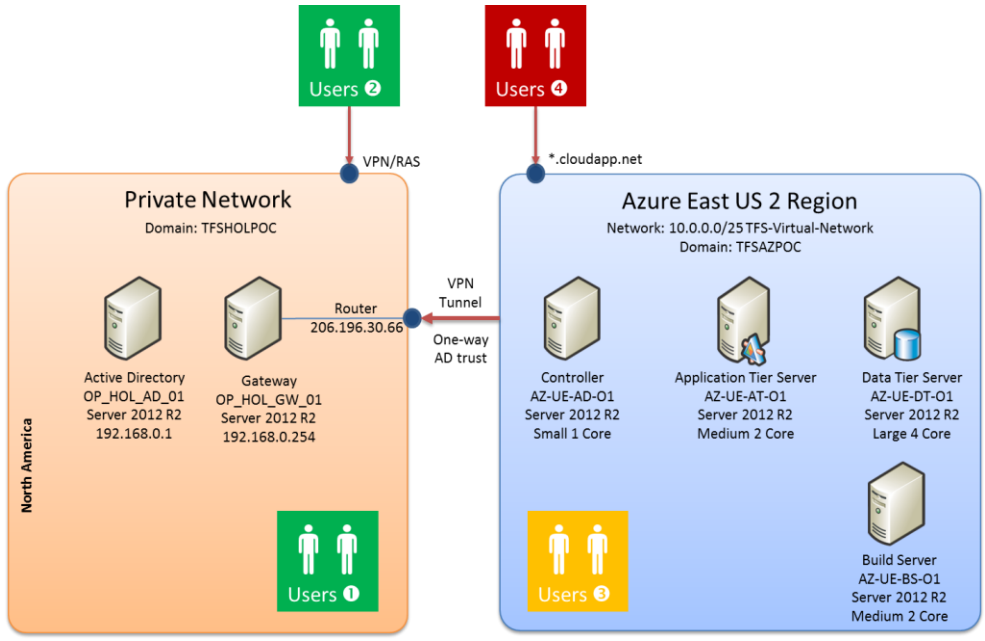


**Figure 2 - POC Users**

# What is the resolution?

We need to add cloudapp.net to the Report Server URLs, allowing users connecting from outside the on-premises or Azure domain to receive a resolvable address for the Report Server.

**Figure 3 - POC (revised) Report Server Environment**