Microsoft RemoteApp in the Classroom

What is Remote Desktop Services?

- RDS is the enterprise version of Microsoft’s Remote Desktop Protocol, which allows for remote access to Windows services. It is an included role in Windows Server 2012/2012R2.

- In particular, RDS allows for multiple users to access a given system or cluster of systems, and the applications on them.

- The specific feature of RDS we will be talking about is RemoteApp, which allows for single applications to be run remotely, without the need for a full desktop setup.
Why use RemoteApp?

1) To allow students to access programs off campus that licensing does not allow them to install on their own systems.
2) To run modern high performance software in older labs that cannot support the requirements.
3) To restrict access to software that there is a very limited number of licenses of.
How does it work?

Through the web, and the computer’s existing remote desktop client.
Domain\user name: CATNET\ajstenger

Password: ***************

Security (show explanation)
- This is a public or shared computer
- This is a private computer

Sign in

To protect against unauthorized access, your RD Web Access session will automatically time out after a period of inactivity. If your session ends, refresh your browser and sign in again.
How do I set it up?

It's really easy (seriously).
Steps to Setting up RemoteApp.

Add the Role

? Remote!
RDS is Installed via its Own Role
Select deployment type

Before You Begin
Installation Type
Deployment Type
Deployment Scenario
Server Selection
Virtual Desktop Template
Confirmation
Completion

Remote Desktop Services can be configured across multiple servers or on one server.

- **Standard deployment**
  A standard deployment allows you to deploy Remote Desktop Services across multiple servers.

- **Quick Start**
  A Quick Start allows you to deploy Remote Desktop Services on one server, and creates a collection and publishes RemoteApp programs.
Select deployment scenario

Remote Desktop Services can be configured to allow users to connect to virtual desktops, RemoteApp programs, and session-based desktops.

- Virtual machine-based desktop deployment
  Virtual machine-based desktop deployment allows users to connect to virtual desktop collections that include published RemoteApp programs and virtual desktops.

- Session-based desktop deployment
  Session-based desktop deployment allows users to connect to session collections that include published RemoteApp programs and session-based desktops.
The Quick Start will install the RD Connection Broker, RD Web Access, and RD Session Host role services on the same server.

The credentials of the CATNET\_ajstangel account will be used to create the deployment.
GET STARTED WITH REMOTE DESKTOP SERVICES

1. Set up a Remote Desktop Services deployment
   - Virtual machine-based desktop deployment
     2. Add RD Virtualization Host servers
     3. Create virtual desktop collections
   - Session-based desktop deployment
     2. Add RD Session Host servers
     3. Create session collections

DEPLOYMENT OVERVIEW

RD Connection Broker server: ENGR-VAPP01V.catnet.arizona.edu

Managed as: CATNET_ujstenigel

Diagram:
- RD Web Access
- RD Gateway
- RD Licensing
- RD Connection Broker
- RD Virtualization Host
- RD Session Host
- Installed Role Service

DEPLOYMENT SERVERS

Last refreshed on 10/22/2014 12:32:07 PM | All RDS role services are enabled on all RD hosts

Server FQDN | Installed Role Service
-------------|------------------------
ENGR-VAPP01V.catnet.arizona.edu | RD Connection Broker
ENGR-VAPP01V.catnet.arizona.edu | RD Session Host
ENGR-VAPP01V.catnet.arizona.edu | RD Licensing
ENGR-VAPP01V.catnet.arizona.edu | RD Web Access

QuickSet...