Technical Introduction to Skyward

- Database Administrative Tools
- Database Administrative Tasks
- Database Backup/Recovery Tools
- Skyward PaC Client
- Skyward Web Products
- Skyward Administration Tasks
Database Administrative Tools

- OpenEdge® Explorer / Management Tool
- Progress® Promon/DATAMON Utility
- Using Promon/DATAMON
Database Administrative Tasks

- Checking Database and Component Status
- Checking Appserver™ / Webserver Status
- Checking NS1 Status
- Checking Status for a Database, Broker, or NameServer
- Starting and Stopping the Skyward Databases
Database Backup and Recovery Tools

- Running an Unscheduled Online Backup
- Online Backups
- Database Recovery
  - Depending on how database is ‘working’
Skyward® PaCTM Client

- Skyward Business Customers Only or POS workstations
- Client Parameter File (.pf)
- Registry Settings and Required Permissions
Skyward® Web Products

- Webspeed® Application Configuration/Troubleshooting

- Report Queue Configuration / Troubleshooting
## Skyward Web Server
### Configuration/Security Options (Firewalls)

<table>
<thead>
<tr>
<th>Name/Port</th>
<th>Service/Description</th>
<th>Protocol</th>
<th>Range/Inbound-Outbound</th>
</tr>
</thead>
<tbody>
<tr>
<td>NameServer/NS1</td>
<td>UDP</td>
<td>Both</td>
<td>5162</td>
</tr>
<tr>
<td>Database Service Port</td>
<td>TCP</td>
<td>Inbound</td>
<td>Student 12500, Finance 22500</td>
</tr>
<tr>
<td>SQL Database Service Port</td>
<td>TCP</td>
<td>Inbound</td>
<td>Student 12501, Finance 22500</td>
</tr>
<tr>
<td>Database Port Range</td>
<td>TCP</td>
<td>Student Monolith CAS</td>
<td>2702</td>
</tr>
<tr>
<td>Webspeed Broker</td>
<td>TCP</td>
<td>Inbound</td>
<td>Dynamically created for each broker, look up port in OpenEdge Admin Service Explorer</td>
</tr>
<tr>
<td>Appservr Broker</td>
<td>TCP</td>
<td>Inbound</td>
<td>Dynamically created for each broker, look up port in OpenEdge Admin Service Explorer</td>
</tr>
<tr>
<td>Report Queue Streaming</td>
<td>TCP</td>
<td>Both</td>
<td>3202 - 3502</td>
</tr>
<tr>
<td>Terminal Server</td>
<td>TCP</td>
<td></td>
<td>3389</td>
</tr>
<tr>
<td>All Skyward Web Products</td>
<td>TCP</td>
<td></td>
<td>443 (https)</td>
</tr>
<tr>
<td>OpenEdge Admin Service</td>
<td>UDP</td>
<td>Inbound</td>
<td>2601</td>
</tr>
</tbody>
</table>

*Default ports listed can be located through Progress Explorer Tool or OpenEdge Explorer / Management on the Skyward Database server.*

*Actual ports can be located through Progress Explorer Tool or OpenEdge Explorer / Management on the Skyward Database server.*
Skyward Administration Tasks

- **Monolith and SkyConnect: Loading Update and Troubleshooting**
- System Administration Utilities
- Skyward System Drive Path Configuration
- Skyward Picture Configuration
- Skyward E-Mail Configuration
- Skyward Customer Access Configuration
- Skyward LDAP Configuration
- General Troubleshooting
- Skyward Printing Troubleshooting
End of presentation –
Extra space for other notes
THANK YOU FOR ATTENDING!