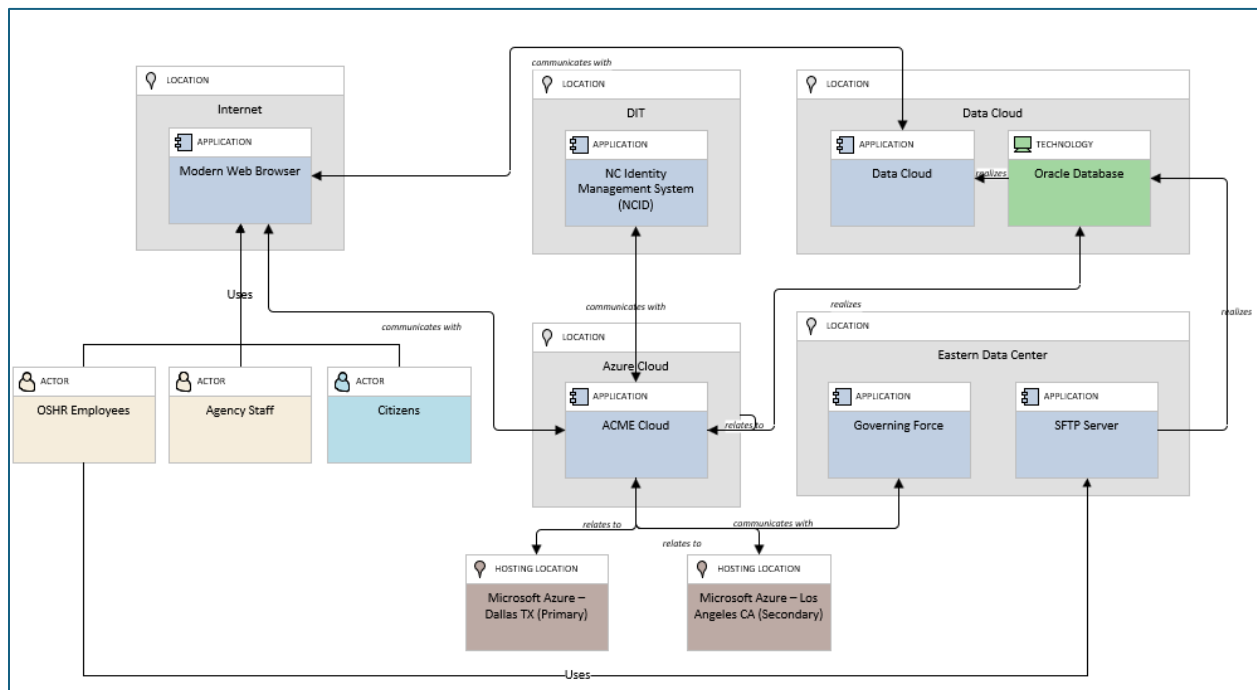


Architecture Submission Guidance

Core Elements

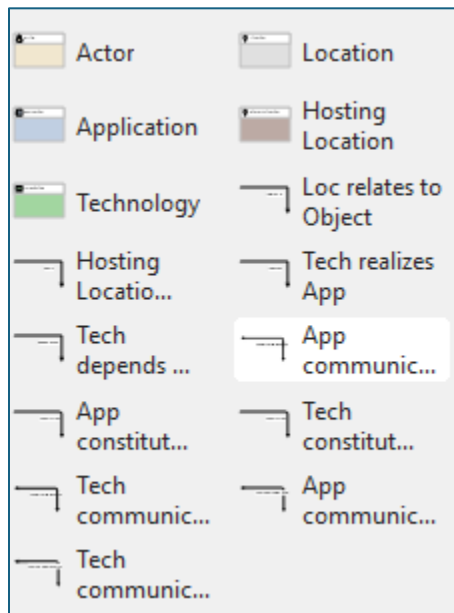
Providing the core architectural elements in your architecture submission helps NCDIT understand who will be using your solution as well as how your technology will work with/within the state's ecosystem.

The following mock example is for a fictional company, ACME.



For illustrative purposes only. Your model may be substantially different.

The template provided utilizes five shapes and 10 connectors.



Actor

The Actor object is used to signify who will be using your solution. In the ACME example above, there are three groups of users:

- Employees with the N.C. Office of State Human Resources, who will access the solution via a modern web browser and the SFTP Server,
- Agency staff and members of the public who will access the solution via a modern web browser.

Application

The Application object is used to signify what applications will be required for your solution. In the ACME example, the applications include a modern web browser, the N.C. Identity Management System (NCID), ACME, Governing Force, an SFTP Server and Data Cloud.

Technology

The Technology object is used to signify any technologies that an application is dependent on. In the ACME example, there is an Oracle Database that consumes data from ACME and the SFTP server and is used to provide data to the Data Cloud application.

Location

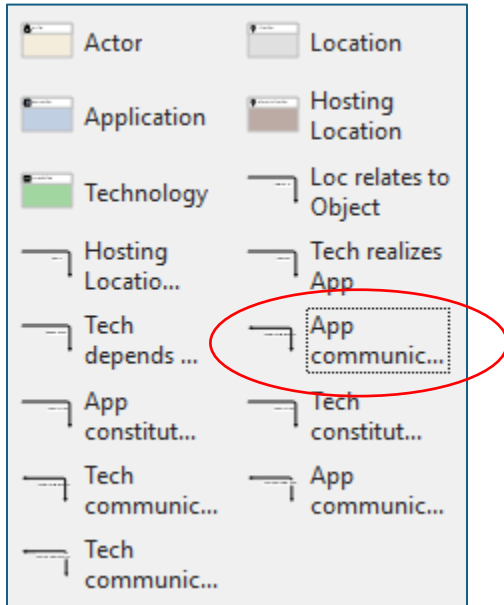
The Location object is used to signify where an application and/or technology will operate. In our example, the locations include the Internet, DIT, Azure Cloud, the Eastern Data Center, and Data Cloud.

Hosting Location

The Hosting Location object is used to signify where hosted applications will be hosted. In the ACME example, Microsoft Azure – Dallas TX (primary) is where the ACME application will be primarily hosted and the Microsoft Azure – Los Angeles CA is the secondary or backup location.

Connectors

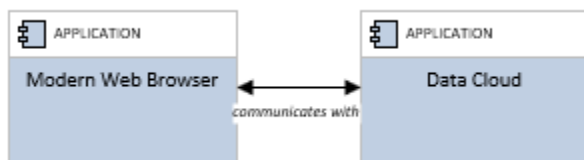
The Stencil provided also includes 10 connectors that define the relationships between the objects. For example, if there is an integration required for your application, you will use the App Communicates with App Connector.



You will drag the shape to white space in your diagram:



Then drag the arrows to the two application boxes anchor points.



Note: There is no connector for the Actor object. Please use a generic connector to define the relationship between Actor and Application.

You may be asked to provide additional architectural diagrams and information that support your solution in addition to the required Vendor Architecture Template. If you need additional information, please leverage your State technical resource.