**Accessibility**

To test we must have access to the right aspects of the system and at the right level (user, admin) to see how interacting with different permission levels impacts the information provided by the system. Are there any regulatory constraints?

**Observability**

To test we must be able to see the product. Ideally we want a completely transparent product, where every fact about its states and behavior, including the history of those facts is readily available to us.

**Controllability**

To test, we must be able to visit the behavior of the product. Ideally we can provide any possible input and invoke any possible state, combination of states, or sequence of states on demand, easily and immediately.

**Simplicity**

To test, we must be able to visit and assess the relationships between inputs and outputs. The more complex and sensitive the behavior of the product, the more we will need to look at. •

**Unbugginess**

Bugs slow down testing because we must stop and report them, or work around them, or in the case of blocking bugs, wait until they get fixed. It’s easiest to test when there are no bugs.

**Smallness**

The less there is of a product, the less we have to look at and the less chance of bugs due to interactions among product components.

**Decomposability**

When different parts of a product can be separated from each other, we have an easier time focusing our testing, investigating bugs, and retesting after changes. •

**Similarity**

The more a product is like other products we already know the easier it is to test it. If the product shares substantial code with a trusted product, or is based on a trusted framework, that’s good.

**Tool Availability**

We are provided all tools we want or need to test well. How can we introduce proprietary tooling to interrogate the architecture? Or will bespoke tooling provide better information?

**Data Availability**

The more access we have to natural data, the easier it is to test. Again, are there any regulatory and/or privacy constraints…