



SABSA Workshop A3-7

Business-driven Logical Architecture Design

Task One – (Topical Focus Groups)

Project-Specific Logical Domain Map

Based upon the scope you determined for the Accommodation Management System in Workshop A3-5 task one, draw the logical domain map relevant to your system. This will be a subset of the overall domain map shown in A3-3 potentially with some additional scope-specific domains.

Task Two – (Topical Focus Groups)

Project-Specific Process Map

Based upon the capabilities and processes you determined for the Accommodation Management System in Workshop A3-5 task two, overlay the process map onto the domain map created in the previous step.

Task Three – (Topical Focus Groups)

Project-Specific Trust Model

Enhance and transform your Process Map into a SABSA Trust Model including creation of a means to show:

- The inter-domain relationship models:
 - Isolated domains
 - Independent domain relationships
 - Super-domain to sub-domain relationships
 - Trusted Third Party hierarchical domain relationships
- Which of the entities involved in each process interaction is the Policy Authority for the interaction;
- The trust relationship between the entities:
 - Unidirectional
 - Bidirectional
 - Transitive
- Which of the Project-specific Attributes listed in Workshop A3-5 task three are required on each of process interactions, in which direction, to create the required trusted process interactions.

Task Four – (Topical Focus Groups)

Project-Specific Security Service Package

Part A – Model Processes to Information Flows & Transformations

Select one of the processes mapped in the previous step e.g. “Book Accommodation” and model the detailed logical layer viewpoint of information flows and information transformations involved including a means to show:

- Domain of origin and destination domain
- Information owner and policy authority for the information flow
- Custodian domains and the transformations they enact upon the information and/or copies they retain

Part B – Synthesise Attributes to Services Mapping

In workshop A3-5 task three you determined the Project-Specific Attributes required for the Accommodation Management System. Now select from that list the subset of Attributes required for the same specific process you chose for the previous step and synthesise the Security Services Package to deliver the security functionality required for each Attribute.

Part C – Map Project-Specific Service Package Requirements

Combine the work delivered in parts A and B by showing the Security Services required on each information flow and transformation.

Task Five – (Topical Focus Groups)

Information Sharing

Each team is encouraged to share the results of their analysis with the rest of the group so that all participants benefit from the exchange of ideas and issues between topic areas. Time-permitting, the course facilitator will ask for presentations to be made.