CLAIMS:

1. A method for securing an inter-component communication request from a first application to a second application in an operating system having an application framework layer, the method comprising:

intercepting the inter-component communication request from the first application to the second application wherein the first application is associated with a first blocked permission list, and the second application is associated with a second blocked permission list, wherein the first and second blocked permission lists are provided by a user of the operating system and are stored in a blocked permission database residing in the application framework layer;

retrieving the first blocked permission list and the second blocked permission list from the blocked permission database;

determining if the first blocked permission list is a subset of the second blocked permission list;

instructing a reference monitor to create a new instance when the first blocked permission list is not a subset of the second blocked permission list; and

calculating a new unified blocked permission list that is to be associated with the new instance using the first blocked permission list and the second blocked permission list when the reference monitor is instructed to create the new instance.

2. The method of claim 1, wherein calculating the new unified blocked permission list comprises unifying the first blocked permission list and the second blocked permission list to form the unified blocked permission list.

3. The method of claim 1 further comprising:

instructing an instance creation module residing in the application framework layer to create the new instance;

creating the new instance and associating the new unified blocked permission list with the new instance; and

storing the new unified blocked permission list in the blocked permission database.

4. The method of claim 3 further comprising:

establishing an inter-component communication between the first application and the new instance.

5. The method of claim 4 further comprising:

intercepting a privileged Application Programming Interface (API) request invoked by an application or an instance, wherein the privileged API request is provided with a required permission list;

retrieving a blocked permission list associated with the invoking application or instance from the blocked permission database;

determining if the required permission list matches with the retrieved blocked permission list;

retrieving a permission list associated with the invoking application or instance from a permission database residing in the application framework layer when a match does not exist between the required permission list and the retrieved blocked permission list;

determining if the required permission list matches with the retrieved permission list; and

allowing the invocation of the privileged Application Programming Interface to proceed when the required permission list matches with the retrieved permission list.

6. A system for securing an inter-component communication request from a first application to a second application in an operating system having an application framework layer, the system comprising:

a processing unit; and

media readable by the processing unit, the media having stored thereon instructions that when executed by the processing unit, cause the processing unit to:

intercept, using a reference monitor residing in the application framework layer, the inter-component communication request from the first application to the second application wherein the first application is associated with a first blocked permission list, and the second application is associated with a second blocked

permission list, wherein the first and second blocked permission lists are provided by a user of the operating system and are stored in a blocked permission database residing in the application framework layer;

retrieve the first blocked permission list and the second blocked permission list from the blocked permission database,

determine if the first blocked permission list is a subset of the second blocked permission list,

notify the reference monitor to create the new instance when the first blocked permission list is determined not to be a subset of the second blocked permission list; and

calculate a new unified blocked permission list that is to be associated with the new instance using the first blocked permission list and the second blocked permission list when the reference monitor is notified to create the new instance.

7. The system of claim 6, wherein the instructions to calculate the new unified blocked permission list comprise instructions for directing the processing unit to unify the first blocked permission list and the second blocked permission list to form the unified blocked permission list.

8. The system of claim 6, wherein the media has stored thereon further instructions that when executed by the processing unit, cause the processing unit to:

instruct, using the reference monitor, an instance creation module residing in the application framework layer to create the new instance;

create the new instance, using the instance creation module, and to associate the new unified blocked permission list to the new instance; and

store, using the blocked permission service, the new unified blocked permission list in the blocked permission database.

9. The system of claim 8 wherein the media has stored thereon further instructions that when executed by the processing unit, cause the processing unit to:

establish, using the reference monitor, an inter-component communication between the first application and the new instance.

10. The system of claim 9 wherein the media has stored thereon further instructions that when executed by the processing unit, cause the processing unit to:

intercept, using a privilege Application Programming Interface decision module residing in the application framework layer, a privileged Application Programming Interface request invoked by an application or an instance, wherein the privileged Application Programming Interface request is provided with a required permission list;

retrieve, using the blocked permission service, a blocked permission list associated with the invoking application or instance from the blocked permission database;

determine, using the privilege Application Programming Interface decision module, if the required permission list matches with the retrieved blocked permission list;

retrieve a permission list associated with the invoking application or instance from a permission database residing in the application framework layer when a match does not exist between the required permission list and the retrieved blocked permission list;

determine, using the privilege Application Programming Interface decision module, if the required permission list matches with the retrieved permission list; and

allow the invocation of the privileged Application Programming Interface to proceed when a match exists between the required permission list and the retrieved permission list.

11. A computer-readable storage medium comprising instructions which, when executed by a computer, cause the computer to carry out the following steps

intercepting the inter-component communication request from the first application to the second application wherein the first application is associated with a first blocked permission list, and the second application is associated with a second blocked permission list, wherein the first and second blocked permission lists are provided by a user of the operating system and are stored in a blocked permission database;

retrieving the first blocked permission list and the second blocked permission list from the blocked permission database;

determining if the first blocked permission list is a subset of the second blocked permission list;

notifying a reference monitor to create the new instance when the first blocked permission list is determined not to be a subset of the second blocked permission list; and

calculating a new unified blocked permission list that is to be associated with the new instance using the first blocked permission list and the second blocked permission list when the reference monitor is notified to create a new instance.

12. The portable device of claim 11, wherein the instructions to calculate the new unified blocked permission list comprises

to unify the first blocked permission list and the second blocked permission list to form the unified blocked permission list.

13. The portable device of claim 11, the instructions further comprising:

to instruct an instance creation module to create the new instance;

to create the new instance and to associate the new unified blocked permission list to the new instance;

to store the new unified blocked permission list in the blocked permission database.

14. The portable device of claim 13, the instructions further comprising:

to instruct the reference monitor to establish an inter-component communication between the first application and the new instance.

15. The portable device of claim 14, the instructions further comprising:

to intercept a privileged Application Programming Interface (API) request invoked by an application or an instance, wherein the privileged API request is provided with a required permission list;

to retrieve a blocked permission list associated with the invoking application or instance from the blocked permission database;

to determine if the required permission list matches with the retrieved blocked permission list;

to retrieve a permission list associated with the invoking application or instance from a permission database when a match does not exist between the required permission list and the retrieved blocked permission list;

to determine if the required permission list matches with the retrieved permission list; and

to allow the invocation of the privileged Application Programming Interface to proceed when a match exists between the required permission list and the retrieved permission list.