system are applied to same UE.

An embodiment of the present invention provides UE, including: a processor and a memory configured to store a computer program that can be run on the processor, where

the processor is configured to perform the operations of the foregoing method when the processor runs the computer program.

An embodiment of the present invention provides a computer storage medium, where the computer storage medium stores a computer-executable instruction, and when the computer-executable instruction is executed, the operations of the foregoing method are performed.

By using the technical solutions of the embodiments of the present invention, it can be determined that the UE performs traffic processing by separately using different UE policies in two systems, so that UE policies for the UE to perform processing in different systems are specified, thereby ensuring continuity of traffic processing of the UE after a handover.

BRIEF DESCRIPTION OF DRAWINGS

FIG. 1 is a schematic flowchart of an inter-system policy using method according to an embodiment of the present invention;

FIG. 2 is a schematic diagram of a policy included in UE;

FIG. 3 is a schematic structural diagram of composition of UE according to an embodiment of the present invention; and

FIG. 4 is a schematic diagram of a hardware architecture according to an embodiment of the present invention.

DETAILED DESCRIPTION

To make the features and technical content of the embodiments of the present invention more ~~compressible~~comprehensible, the following describes implementations of the embodiments of the present invention in detail with reference to the accompanying drawings. The accompanying drawings are intended for reference only, and are not intended to limit the embodiments of the present invention.

Embodiment 1

CLAIMS

What is claimed is:

1. An inter-system policy using method, comprising:

using a first User Equipment (UE) policy applied to a first system when traffic is processed in the first system; and using a UE policy applied to a second system when traffic is processed in the second system, wherein

the UE policy applied to the second system and the first UE policy applied to the first system are applied to same UE~~.~~,

wherein the UE policy applied to the second system is a second UE policy; and

at least some of the parameters in the second UE policy and at least some of the parameters of the first UE policy are different, and there is a mapping relationship between the at least some of the parameters of the second UE policy and the at least some of the parameters of the first UE policy,

wherein the UE policy is User Equipment Routing Selection Policy (URSP) a Precedence parameter in a rule of the first UE policy is the same with that in a rule of the second UE policy, and a Traffic Descriptor parameter in a rule of the first UE policy is the same with that in a rule of the second UE policy.

~~2. The method according to claim 1, wherein the UE policy applied to the second system is a second UE policy; and~~

~~at least some of the parameters in the second UE policy and at least some of the parameters of the first UE policy are different, and there is a mapping relationship between the at least some of the parameters of the second UE policy and the at least some of the parameters of the first UE policy.~~

~~3~~2. The method according to claim ~~2~~1, wherein the method further comprises:

obtaining the second UE policy that is applied to the second system and that is sent by a network side to the UE when the UE obtains the first UE policy configured by the network side on the first system.

~~4~~3. The method according to claim ~~2~~1, wherein the method further comprises:

receiving the second UE policy delivered by a network side when the UE accesses

the second system.

~~5~~4. The method according to claim ~~2~~1, wherein the method further comprises:

using the second UE policy when the UE is connected to the second system.

~~6~~5. The method according to any one of claims 1 to ~~5~~4, wherein:

the first system is a 5th Generation System (5GS) system, and the second system is an Evolved Packet System (EPS) system.

~~7. The method according to claim 2, wherein the UE policy is User Equipment Routing Selection Policy (URSP) a Precedence parameter in a rule of the first UE policy is the same with that in a rule of the second UE policy, and a Traffic Descriptor parameter in a rule of the first UE policy is the same with that in a rule of the second UE policy.~~

~~8~~6. The method according to claim ~~2~~1, wherein a rule of the first UE policy has a first Route Selection Descriptor (RSD) and a rule of the second UE policy has a second RSD, wherein there is a mapping relationship between at least some of parameters in the first RSD and at least some of parameters in the second RSD.

~~9~~7. A User Equipment (UE), comprising:

a processing unit, configured to use a first UE policy applied to a first system when traffic is processed in the first system, and use a UE policy applied to a second system when traffic is processed in the second system, wherein

the UE policy applied to the second system and the first UE policy applied to the first system are applied to same UE~~.~~,

wherein the UE policy applied to the second system is a second UE policy; and

at least some of the parameters in the second UE policy and at least some of the parameters of the first UE policy are different, and there is a mapping relationship between the at least some of the parameters of the second UE policy and the at least some of the parameters of the first UE policy,

wherein the UE policy is User Equipment Routing Selection Policy (URSP) a Precedence parameter in a rule of the first UE policy is the same with that in a rule of the second UE policy, and a Traffic Descriptor parameter in a rule of the first UE policy

is the same with that in a rule of the second UE policy.

~~10. The UE according to claim 9, wherein the UE policy applied to the second system is a second UE policy; and~~

~~at least some of the parameters in the second UE policy and at least some of the parameters of the first UE policy are different, and there is a mapping relationship between the at least some of the parameters of the second UE policy and the at least some of the parameters of the first UE policy.~~

~~11~~8. The UE according to claim ~~10~~7, wherein the UE further comprises:

a communications unit, configured to obtain the second UE policy that is applied to the second system and that is sent by a network side when obtaining the first UE policy configured by the network side on the first system.

~~12~~9. The UE according to claim ~~10~~7, wherein the UE further comprises:

a communications unit, configured to receive the second UE policy delivered by a network side during attachment to the second system.

~~13~~10. The UE according to claim ~~10~~7, wherein the processing unit uses the second UE policy when the UE is connected to the second system.

~~14~~11. The UE according to any one of claims ~~9~~ 7 to ~~13~~10, wherein the first system is a 5th Generation System (5GS) system, and the second system is an Evolved Packet System (EPS) system.

~~15. The UE according to claim 10, wherein the UE policy is User Equipment Routing Selection Policy (URSP) a Precedence parameter in a rule of the first UE policy is the same with that in a rule of the second UE policy, and a Traffic Descriptor parameter in a rule of the first UE policy is the same with that in a rule of the second UE policy.~~

~~16~~12. The UE according to claim ~~10~~7, wherein a rule of the first UE policy has a first Route Selection Descriptor (RSD) and a rule of the second UE policy has a second RSD, wherein there is a mapping relationship between at least some of parameters in the first RSD and at least some of parameters in the second RSD.

~~17~~13. UE, comprising a processor and a memory configured to store a computer

program that can be run on the processor, wherein

when the computer program is run, the processor is configured to:

use a first User Equipment (UE) policy applied to a first system when traffic is processed in the first system; and using a UE policy applied to a second system when traffic is processed in the second system, wherein

the UE policy applied to the second system and the first UE policy applied to the first system are applied to same UE~~.~~,

wherein the UE policy applied to the second system is a second UE policy; and

at least some of the parameters in the second UE policy and at least some of the parameters of the first UE policy are different, and there is a mapping relationship between the at least some of the parameters of the second UE policy and the at least some of the parameters of the first UE policy,

wherein the UE policy is User Equipment Routing Selection Policy (URSP) a Precedence parameter in a rule of the first UE policy is the same with that in a rule of the second UE policy, and a Traffic Descriptor parameter in a rule of the first UE policy is the same with that in a rule of the second UE policy.

~~18. The UE according to claim 17, wherein the UE policy applied to the second system is a second UE policy; and~~

~~at least some of the parameters in the second UE policy and at least some of the parameters of the first UE policy are different, and there is a mapping relationship between the at least some of the parameters of the second UE policy and the at least some of the parameters of the first UE policy.~~

~~19~~14. The UE according to claim ~~18~~13, wherein the processor is further configured to:

obtain the second UE policy that is applied to the second system and that is sent by a network side to the UE when the UE obtains the first UE policy configured by the network side on the first system.

~~20~~15. A computer storage medium, wherein the computer storage medium stores a computer-executable instruction, and when the computer-executable instruction is

executed, the operations of the method according to any one of claims 1 to ~~8~~ 6 are implemented.