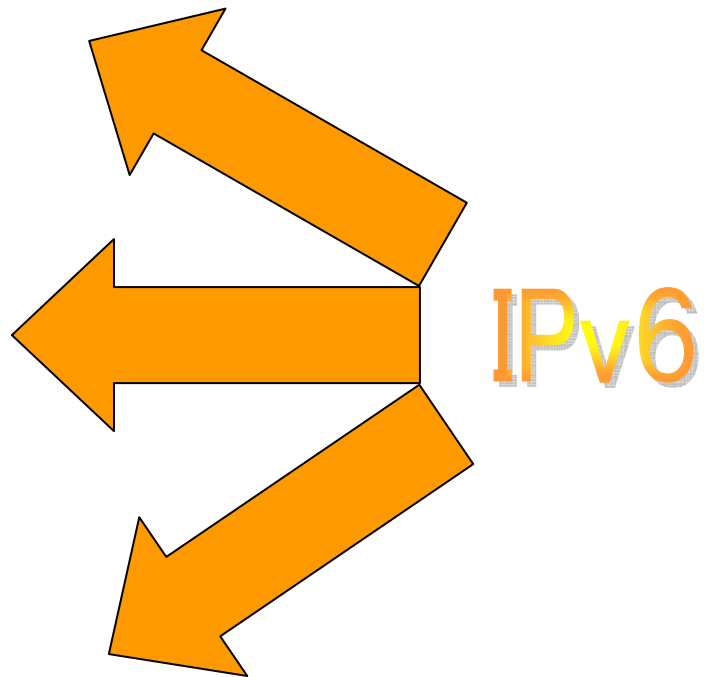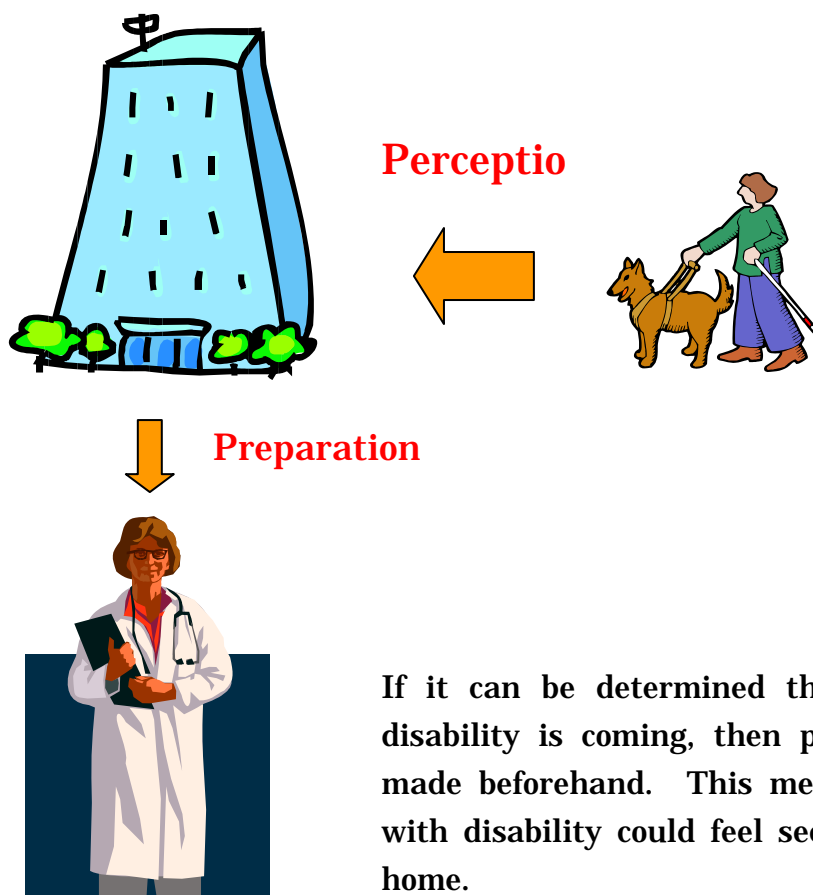# Using IPv6 to Get Over Obstacles

Summary

Currently, Japan has been heading towards a more barrier-free society, and it has become easier for someone with a disability to live like a person who has none. Still though, going outside is still inconvenient and even more, insecure. I have thought of a system that even a person with a disability could safely go outside.

Using IPv6

I have chosen to apply an IPv6 address for someone who has a walking disability in a wheelchair, for someone who has a disability concerning vision and using a seeing-eye dog or a cane, and for someone who has a hearing disability and uses a hearing aid.

IPv6

There would be a wireless transmission that would determine each IP address in facilities and traffic control devices. This would tell the location that there is someone with a disability within the range of the facility or a traffic control device, and therefore can pay more attention during these times. For example, when someone who cannot see tries to get onto a train, the train would be notified from before, and there could already be a seat available for the person. Also, if there is someone who regularly rides the train during a specific hour, the system can memorize it, and therefore people who work on the platforms (even if they work in different shifts) can look at the saved information and determine where he or she should be at a specific hour.

Perceptio

Preparation

If it can be determined that a person with disability is coming, then precautions can be made beforehand. This means that a person with disability could feel secure about leaving home.