Evaluation

Expected achievements of the project: A list of challenges towards the development of nano data center. We will first analyse the features that are related to nano data center development and then list the challenges that need to be overcome. For a feature to be listed as a challenge, the following conditions must be satisfied:

1. The feature is a necessary prerequisite for the development of nano data center;

2. the current status of the feature do not meet the demand of nano data center development.

Evaluation method:

1. To test the first condition, we will study the existing nano data center models proposed by other research, and find out how our proposed challenges are involved in these models. For example, whether a proposed challenge is related to the components that construct the infrastructure of these nano data centers, or which functionality supported by these nano data centers will be influenced by the challenge?

2. To test the second condition, we will formulate a report of the current status of the proposed challenges, and compare the results with their expected status derived from the data center models proposed by other research. If the current status does not match the expected status, we will try to find out the reason and propose some approaches to narrow the gap.

Software and resources for the evaluation: According to the current evaluation plan, no software needs to be built. Paper survey will be essential for carrying out the evaluation.