

# ISO/IEC 29341-6-17:2008-11 (E)

## Information technology\_ - UPnP Device Architecture\_ - Part\_6-17: Heating, Ventilation, and Air Conditioning Device Control Protocol\_ - User Operating Mode Service

---

### CONTENTS

FOREWORD .....	3
ORIGINAL UPNP DOCUMENTS (informative) .....	5
<b>1. Overview and Scope.....</b>	<b>7</b>
<b>2. Service Modeling Definitions .....</b>	<b>8</b>
2.1. ServiceType .....	8
2.2. State Variables .....	8
2.2.1. ModeTarget.....	9
2.2.2. ModeStatus .....	9
2.2.3. Name .....	9
2.2.4. Relationships Between State Variables .....	9
2.3. Eventing and Moderation .....	10
2.3.1. Event Model .....	10
2.4. Actions.....	10
2.4.1. SetModeTarget .....	11
2.4.2. GetModeTarget.....	11
2.4.3. GetModeStatus .....	12
2.4.4. GetName.....	12
2.4.5. SetName .....	13
2.4.6. Non-Standard Actions Implemented by a UPnP Vendor .....	13
2.4.7. Relationships Between Actions.....	13
2.4.8. Common Error Codes .....	14
2.5. Theory of Operation .....	14
<b>3. XML Service Description.....</b>	<b>15</b>
<b>4. Test .....</b>	<b>17</b>

### LIST OF TABLES

Table 1 State Variables .....	8
Table 2 AllowedValueList for ModeTarget.....	8
Table 3 AllowedValueList for ModeStatus .....	9
Table 4 Eventing & Moderation .....	10
Table 5 Event Model.....	10
Table 6 Action list .....	10
Table 7 Arguments for SetModeTarget .....	11
Table 8 Arguments for GetModeTarget.....	11
Table 9 Arguments for GetModeStatus .....	12
Table 10 Arguments for GetName .....	12
Table 11 Arguments for SetName .....	13
Table 12: Common Error Codes.....	14