# Ansible IIS站点bind

# (程序配置说明)

1. 系统环境

|  |  |  |  |
| --- | --- | --- | --- |
| 系统 | 版本 | 角色 | 依赖 |
| Windows | server 2008 r2+ | 被控制端 | IIS 7.0 |
| WinRM |
| Powershell 3.0+ |
| cwRsync client |
| Linux | CentOS 6.0+ | 控制端 | Ansible 2.0+ |
| Ubuntu 12.04+ | pywinrm |
| Fedora | Rsync daemon |
| Opensuse | svn |

## Role目录结构

|  |  |
| --- | --- |
| /data/ansible | 根路径 |
| ├── playbook | Playbook目录 |
| │ └── iis\_binding.yml | 主入口文件 |
| └── win/iis\_binding | role名称 |
| └── tasks | Tasks |
| ├── main.yml | Tasks主配置文件 |
| ├── facts.yml | 信息参数处理 |
| ├── binding.yml | 执行Bind |
| └── delete.yml | 删除bind |

## 配置文件说明

1. Create\_iis\_website.yml[入口配置文件]

|  |
| --- |
| ---  - hosts: "{{hosts}}"  roles:  - iis\_binding # 调用的role |

1. Tasks/main.yml[tasks入口文件]

|  |
| --- |
| ---  - include: facts.yml # 参数和信息处理  - include: binding.yml # 创建bind  when: (action == "add") or (action == "create")  - include: delete.yml # 移除bind  when: (action == "delete") or (action == "del") or (action == "remove") |

1. Tasks/facts.yml[参数和信息处理]

|  |
| --- |
| - set\_fact:  ip\_listen: ''  when: (ip is defined) # {{ ip }} # 参数定义就使用所有IP，即:\*  - set\_fact:  ip\_listen: "{{ ansible\_ip\_addresses[0] }}"  when: (ip is undefined) # {{ ip }} # 参数未定义就使用第一个网卡IP |

1. Tasks/binding.yml[配置bind]

|  |
| --- |
| ---  - name: Windows | Set {{ site }} Binding  win\_iis\_webbinding:  name={{ site }} # 站点名称  port={{ port | default(80) }} # port未定义就使用默认值80  ip={{ ip\_listen }} # bind的ip地址  protocol={{ protocol | default(http) }} # 协议，默认http  host\_header={{ host\_header | default(omit) }} # 主机头，默认空  certificate\_hash="{{ cert\_hash | default(omit) }}" # 证书，默认空  state=present |

1. tasks/delete.yml[移除bind]

|  |
| --- |
| ---  - name: Windows | Remove {{ site }} Binding  win\_iis\_webbinding:  name={{ site }}  port={{ port | default(80) }}  ip={{ ip\_listen }}  protocol={{ protocol | default(http) }}  host\_header={{ host\_header | default(omit) }}  certificate\_hash="{{ cert\_hash | default(omit) }}"  state=absent |